



**December Quarter 1989
Employed Wage
and Salary
Earners
Australia**

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**EMPLOYED WAGE AND SALARY EARNERS
AUSTRALIA
DECEMBER QUARTER 1989**

IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 6248.0

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SUMMARY OF FINDINGS

The total number of employed wage and salary earners in Australia in December 1989 in seasonally adjusted terms was estimated as 6,272,400. This represents an increase of 44,100 (0.7%) since September 1989 and an increase of 209,900 (3.5%) compared to December 1988.

Over the last five years of the survey, the number of wage and salary earners has increased by 1,038,800 (19.8%), an average annual increase of 3.7 per cent.

In original terms, the total number of employed wage and salary earners in Australia in December 1989 was estimated as 6,305,300. This represents an increase of 86,300 (1.4%) since September 1989.

Private and public sectors

Growth in the number of employed wage and salary earners (employees) in recent years is shown in Diagram 1 below in both original and seasonally adjusted terms. The following data are presented in seasonally adjusted terms. It can be seen that growth has been concentrated in the private sector. In the twelve months to December 1989, the number of private sector employees grew by 221,200 (5.1%) to 4,552,800. Since December 1984, the estimated number of employees has increased by 997,000 (28.0%) which represents an average annual increase of 5.1 per cent. Since September 1989, the number of private sector employees increased by 38,800 (0.9%).

Diagram 1 also shows a markedly different pattern for employment in the public sector. In the twelve months to December 1989, the number of public sector employees decreased by 11,300 (0.7%) to 1,719,600. Despite this, the public sector has grown by 41,800 (2.5%) since December 1984, which is an average annual increase over this period of 0.5 per cent. Since September 1989, the number of public sector employees increased by 5,200 (0.3%).

The proportion of wage and salary earners employed in the private sector has continued to increase, from 67.9 per cent in December 1984, to 71.4 per cent in December 1988 and 72.6 per cent in December 1989.

Diagram 1 also shows the effects of a number of occurrences that have caused public sector employee estimates to either increase or decrease. In summary, these occurrences are: the cessation and later re-employment of temporary staff of the Community services industry at the end of the school year (December and January each year); the employment of temporary staff to conduct the 1986 Census of Population and Housing (June and July 1986), the July 1987 Federal Election and the September 1988 Referendum. Further details of these occurrences are provided in previous editions of this publication.

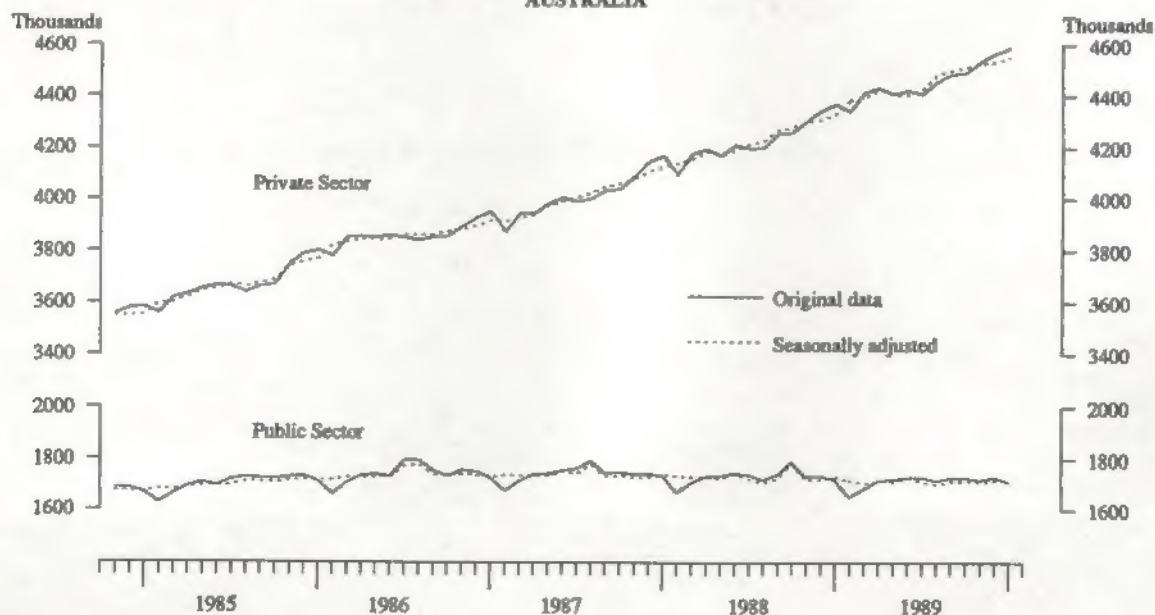
Industries

Diagram 2 shows changes in the number of employed wage and salary earners for the last twelve months and over the five years to December 1989, classified by ASIC division. Changes over the last three months are also discussed in the text. The data are presented in seasonally adjusted terms unless otherwise stated.

The Finance, property and business services industry continues to show strong employee growth, with an increase of 258,600 (45.4%) since December 1984. This is an average annual increase of 7.8 per cent. Employee growth in the last twelve months also continues with an increase of 68,200 (9.0%). Since September 1989, employee growth has been 41,700 (5.3%) to 827,900 employees in December 1989.

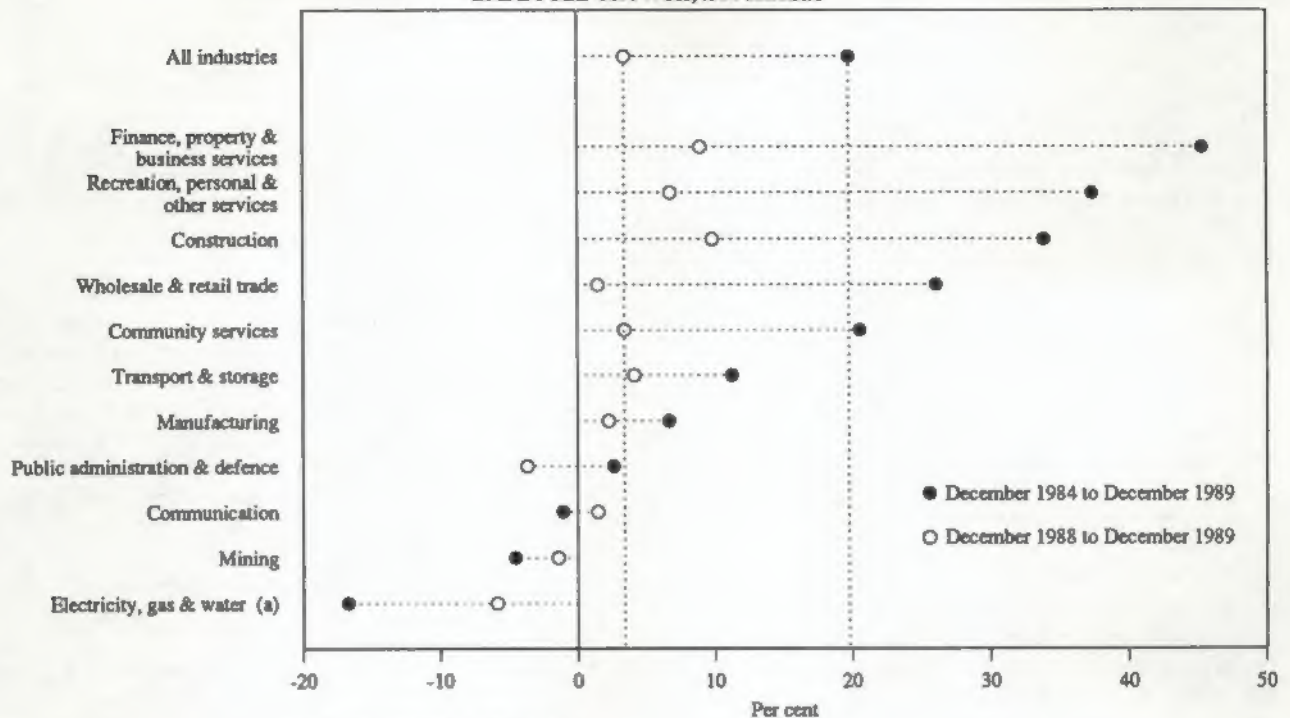
Growth in the number of employees in the Construction industry continues but at a decreased rate. In the last five years the number of employees has risen by 82,500 (33.3%). This is an average annual increase of 6.0 per cent. In the last twelve months the growth has been

DIAGRAM 1. EMPLOYED WAGE AND SALARY EARNERS, SECTORS
AUSTRALIA



Source: see Tables 1 & 2.

DIAGRAM 2. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED:
EMPLOYEE GROWTH, AUSTRALIA



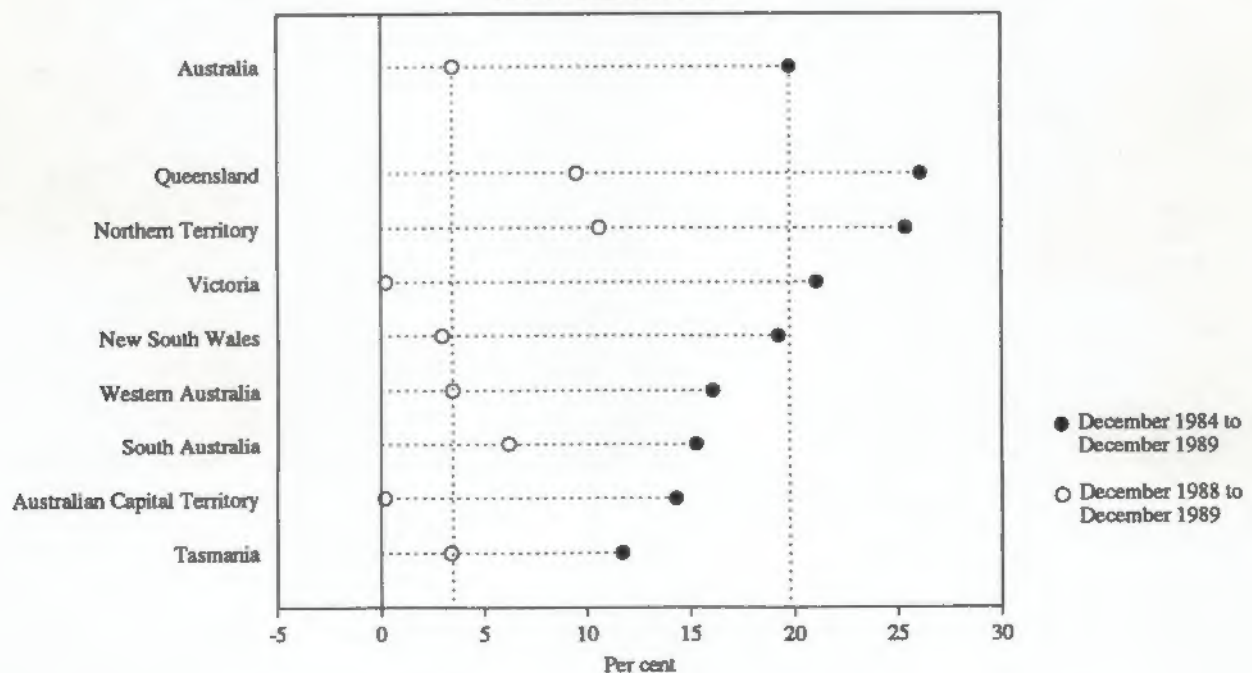
29,400 employees (9.9%). Since September 1989, there has been a decrease in the number of employees of 3,000 (0.9%) to 325,700 in December 1989.

The Recreation, personal and other services industry also continues to show substantial employee growth, with an increase of 131,400 (37.4%) since December 1984. This is an average annual increase of 6.6 per cent. In the twelve months to December 1989, the number of employees has increased by 30,900 (6.8%). Since September 1989, employee growth has been 4,900 (1.0%) to 482,600 employees in December 1989.

The Wholesale and retail trade industry continues to show strong employee growth. In the five years since December 1984, there has been an increase in the number of employees of 265,800 (26.1%). This is an average annual increase of 4.7 per cent. In the last year, to December 1989, the number of employees has increased by 19,500 (1.5%). Since September 1989 there has been a decrease in the number of employees of 11,000 (0.8%) to 1,285,500 in December 1989.

The Electricity, gas and water industry does not exhibit any significant seasonality and is presented only in original terms. It shows a decrease of 23,600 employees (16.7%) in the last five years, which is an average annual

DIAGRAM 3. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED:
EMPLOYEE GROWTH



decrease of 3.6 per cent. A decrease of 7,200 employees (5.8%) has occurred over the last year, falling to 117,400 in December 1989.

States and Territories

Diagram 3 shows in seasonally adjusted terms the changes in the number of employed wage and salary earners both for the last twelve months and over the last five years to December 1989, classified by State, Territory and Australia. Changes over the last three months are also discussed in the text where appropriate.

New South Wales (19.3%), Victoria (21.1%), Queensland (26.1%) and the Northern Territory (25.4%) show the most significant employee growth since December 1984. Queensland (9.5%), South Australia (6.2%) and the Northern Territory (10.6%) are the only States or Territories to show significant employee growth in the twelve months to December 1989. Queensland (3.0%) and the Northern Territory (5.4%) are the only States or Territories to show significant employee growth since September 1989.

Male and female wage and salary earners

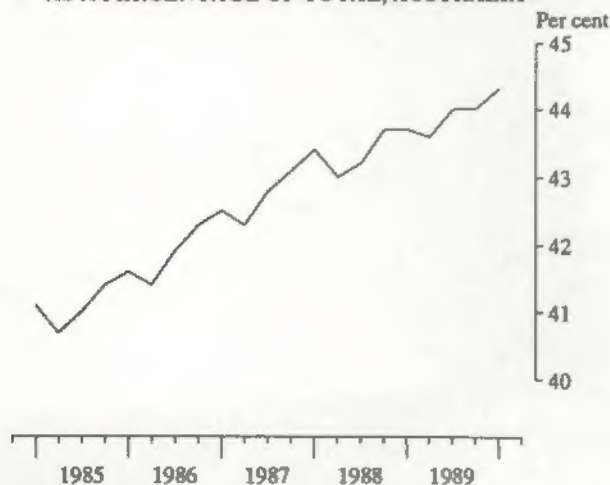
Estimates of male and female wage and salary earners relate to the middle month of each quarter and are presented only in original terms. For the year to November 1989, the number of female employees increased by 5.1 per cent while the number of male employees increased by 2.5 per cent.

Diagram 4 shows the number of female wage and salary earners as a proportion of total wage and salary earners. This proportion has grown steadily from 41.1 per cent in November 1984 to 44.3 per cent in November 1989. Note that the seasonal fall, between November and February each year, is principally due to the decrease in the number of part-time female employees in the education component of the Community services industry.

Full-time and part-time wage and salary earners

Estimates of full-time and part-time wage and salary earners also relate to the middle month of each quarter and are presented only in original terms. In November 1989, there were an estimated 4,743,700 full-time and 1,556,200 part-time employees in Australia - an increase of 50,200 (1.1%) full-time and an increase of 35,400 (2.3%) part-time employees since August 1989.

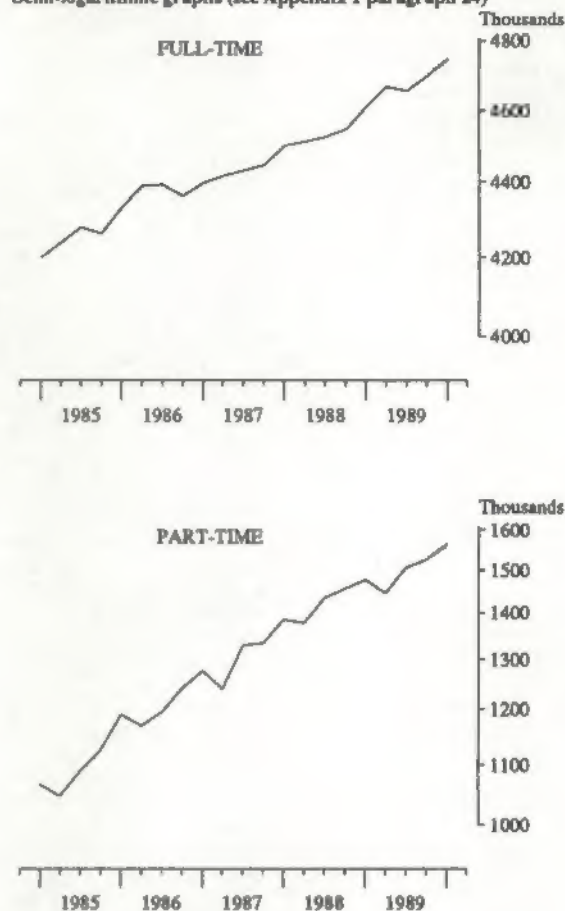
DIAGRAM 4. FEMALE WAGE AND SALARY EARNERS AS A PERCENTAGE OF TOTAL, AUSTRALIA



Source: see Table 4.

DIAGRAM 5. EMPLOYED WAGE AND SALARY EARNERS, PERSONS, AUSTRALIA

Semi-logarithmic graphs (see Appendix 1 paragraph 24)



Source: see Table 9.

Diagram 5 shows the growth in the number of full-time and part-time employees over the last five years. The rate of growth for part-time employees (45.9%) has been much greater than that for full-time employees (13.0%). Average annual growth rates have been 7.8 per cent part-time and 2.5 per cent full-time. In the twelve months to November 1989, part-time employees have increased by 83,600 (5.7%), compared with an increase in the number of full-time employees of 137,500 (3.0%).

Earnings

Total earnings for employed wage and salary earners in the December quarter 1989 in original terms are estimated as \$39,039.3m. This is an increase of \$3,742.7m (10.6%) over the same period in the previous year and an increase of \$15,025.4m (62.6%) over December quarter 1984 (an annual average increase of 10.2 per cent).

TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA, PERSONS
('000)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1985-December	1,356.9	1,075.2	544.2	313.6	341.8	93.0	32.5	44.5	3,801.7
1986-December	1,397.2	1,129.3	546.8	329.2	365.2	98.0	32.8	48.5	3,947.0
1987-December	1,496.4	1,196.1	581.9	332.6	370.1	99.4	30.0	54.5	4,161.0
1988-									
November	1,554.3	1,254.6	646.6	340.0	361.2	99.5	34.2	55.4	4,345.7
December	1,566.2	1,265.8	640.5	340.1	365.7	101.4	34.0	55.4	4,369.2
1989-									
January	1,547.2	1,246.7	662.4	345.6	357.8	98.9	33.1	49.8	4,341.5
February	1,571.7	1,269.3	676.9	350.0	365.6	99.8	33.8	51.0	4,418.0
March	1,572.1	1,278.6	679.8	349.8	368.5	100.3	33.6	51.5	4,434.2
April	1,566.6	1,249.6	680.0	362.4	365.6	97.1	35.0	54.1	4,410.5
May	1,564.9	1,257.1	685.5	363.6	364.8	96.6	36.1	54.2	4,422.8
June	1,561.5	1,253.5	683.0	362.4	363.2	95.9	36.0	53.0	4,408.5
July	1,578.2	1,279.0	684.8	362.5	360.9	102.0	37.8	55.9	4,461.0
August	1,591.6	1,278.1	694.7	362.2	362.9	103.0	38.3	55.8	4,486.6
September	1,599.6	1,276.3	694.0	363.1	361.7	102.3	38.2	56.4	4,491.5
October	1,615.5	1,272.2	706.8	364.4	378.7	102.2	41.0	56.2	4,537.0
November	1,628.4	1,278.0	714.3	368.4	380.8	103.3	40.2	56.1	4,569.6
December	1,638.7	1,282.9	715.2	372.1	382.6	105.0	39.2	56.3	4,591.9
PUBLIC									
1985-December	559.8	443.3	254.7	150.3	156.5	53.8	21.8	69.7	1,709.9
1986-December	562.2	449.9	256.2	152.5	156.4	53.5	22.1	71.8	1,724.4
1987-December	569.4	453.1	251.3	152.3	159.0	53.7	21.4	70.4	1,730.5
1988-									
November	569.0	458.8	251.4	151.9	156.2	52.9	21.5	71.4	1,733.1
December	560.8	464.1	246.0	152.1	155.9	53.0	21.7	70.8	1,724.3
1989-									
January	537.7	441.6	241.6	143.0	149.2	50.8	20.8	69.0	1,653.7
February	547.2	446.1	250.8	147.7	152.9	50.4	20.8	69.7	1,685.5
March	559.1	451.6	254.3	150.0	159.7	51.3	21.5	70.9	1,718.5
April	559.9	451.3	257.1	149.5	159.9	52.7	21.4	70.1	1,721.8
May	562.5	453.8	257.7	149.3	159.5	55.1	21.5	70.2	1,729.6
June	566.6	453.8	255.4	149.8	161.0	53.6	21.7	70.3	1,732.3
July	556.6	453.8	256.5	149.0	157.1	52.5	22.3	68.5	1,716.3
August	560.7	456.0	256.2	149.9	159.5	53.5	22.1	69.8	1,727.7
September	561.5	456.3	252.2	150.6	161.5	53.2	22.2	70.0	1,727.5
October	555.5	453.0	256.2	150.7	159.6	53.6	22.3	68.4	1,719.3
November	560.5	454.0	257.2	151.0	162.8	54.1	22.5	68.4	1,730.4
December	552.1	452.8	255.3	150.5	157.4	54.7	22.3	68.2	1,713.4
PRIVATE AND PUBLIC									
1985-December	1,916.7	1,518.4	798.9	463.8	498.3	146.7	54.3	114.2	5,511.5
1986-December	1,959.4	1,579.1	803.0	481.6	521.5	151.5	55.0	120.3	5,671.4
1987-December	2,065.8	1,649.2	833.2	484.9	529.1	153.1	51.4	125.0	5,891.6
1988-									
November	2,123.3	1,713.4	898.0	491.9	517.4	152.4	55.7	126.8	6,078.8
December	2,127.0	1,729.9	886.5	492.3	521.6	154.3	55.7	126.2	6,093.5
1989-									
January	2,085.0	1,688.3	904.0	488.6	507.0	149.7	53.9	118.9	5,995.3
February	2,118.8	1,715.3	927.7	497.7	518.5	150.2	54.6	120.7	6,103.5
March	2,131.2	1,730.3	934.2	499.8	528.2	151.5	55.1	122.4	6,152.7
April	2,126.5	1,701.0	937.2	511.9	525.5	149.8	56.4	124.1	6,132.3
May	2,127.4	1,710.9	943.2	512.9	524.3	151.7	57.6	124.4	6,152.4
June	2,128.1	1,707.3	938.4	512.2	524.2	149.6	57.7	123.3	6,140.8
July	2,134.8	1,732.8	941.3	511.4	518.0	154.5	60.1	124.5	6,177.3
August	2,152.3	1,734.2	950.9	512.1	522.4	156.4	60.4	125.6	6,214.3
September	2,161.1	1,732.6	946.2	513.7	523.1	155.5	60.4	126.4	6,219.0
October	2,171.0	1,725.1	963.0	515.1	538.3	155.8	63.3	124.7	6,256.3
November	2,188.9	1,732.0	971.5	519.5	543.6	157.4	62.6	124.5	6,300.0
December	2,190.8	1,735.7	970.5	522.6	540.0	159.7	61.5	124.5	6,305.3

TABLE 2. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, AUSTRALIA, PERSONS ('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1985-December	1,340.7	1,066.4	544.2	311.9	337.6	91.4	33.6	44.0	3,769.8
1986-December	1,381.3	1,119.4	546.9	327.7	360.7	96.3	33.9	47.9	3,914.1
1987-December	1,479.6	1,184.9	582.0	331.3	365.4	97.6	30.9	53.8	4,125.5
1988-									
November	1,540.3	1,246.9	640.7	338.8	357.9	98.8	34.6	54.6	4,312.6
December	1,548.5	1,253.5	640.5	338.9	361.0	99.5	35.1	54.6	4,331.6
1989-									
January	1,557.5	1,262.5	670.0	349.4	360.9	99.5	34.7	51.0	4,385.5
February	1,559.7	1,263.2	677.7	348.8	364.5	98.7	35.1	50.4	4,398.1
March	1,567.2	1,274.2	684.6	348.4	367.7	99.2	34.8	50.9	4,427.2
April	1,564.7	1,247.6	679.3	361.7	367.3	96.2	34.9	54.1	4,405.9
May	1,562.1	1,252.8	678.1	362.3	365.0	96.2	35.1	53.8	4,405.5
June	1,570.9	1,262.2	679.7	363.0	363.8	96.4	34.5	53.6	4,424.1
July	1,588.8	1,284.4	691.2	362.7	363.7	103.0	37.3	56.3	4,487.5
August	1,603.2	1,279.4	696.6	362.0	363.8	104.4	37.5	56.0	4,503.0
September	1,615.1	1,280.2	693.6	363.4	363.4	103.9	37.2	57.2	4,514.0
October	1,612.4	1,274.0	703.1	366.7	377.4	103.4	40.1	56.2	4,533.3
November	1,613.8	1,270.3	707.7	367.1	377.4	102.6	40.6	55.3	4,534.9
December	1,620.2	1,270.1	715.1	370.7	377.7	103.1	40.4	55.4	4,552.8
PUBLIC									
1985-December	563.6	445.4	257.4	149.4	157.5	53.2	21.9	70.1	1,718.6
1986-December	565.5	451.8	259.0	151.5	157.2	52.9	22.2	72.2	1,732.4
1987-December	572.6	454.7	253.9	151.3	159.5	53.0	21.4	70.8	1,737.4
1988-									
November	563.3	458.0	251.2	150.6	155.5	52.3	21.6	71.3	1,723.8
December	564.0	465.6	248.5	151.1	156.4	52.3	21.7	71.3	1,730.9
1989-									
January	559.3	455.2	248.6	150.6	156.0	53.6	21.0	70.8	1,715.0
February	552.2	451.6	253.2	150.1	155.1	52.8	20.9	70.5	1,706.3
March	557.5	451.8	253.6	149.8	159.0	51.9	21.5	70.7	1,715.8
April	556.8	450.3	255.6	148.4	158.8	52.3	21.4	69.5	1,713.2
May	567.2	455.6	254.7	148.8	157.6	54.3	21.5	69.3	1,728.9
June	560.3	448.9	252.4	148.9	158.4	53.6	21.4	69.1	1,713.1
July	552.4	450.5	255.8	147.7	156.7	51.1	22.2	68.3	1,704.7
August	556.6	450.5	255.2	148.4	158.7	52.9	22.3	69.9	1,714.6
September	555.5	452.9	250.9	149.7	160.4	52.5	22.3	70.1	1,714.4
October	552.3	449.0	255.5	149.3	159.0	53.1	22.2	68.5	1,708.9
November	554.9	453.2	257.0	149.8	162.0	53.6	22.5	68.4	1,721.4
December	555.2	454.2	258.0	149.5	157.9	53.9	22.3	68.6	1,719.6
PRIVATE AND PUBLIC									
1985-December	1,904.3	1,511.8	801.7	461.3	495.2	144.6	55.5	114.1	5,488.4
1986-December	1,946.8	1,571.2	805.9	479.3	517.9	149.2	56.1	120.1	5,646.4
1987-December	2,052.2	1,639.7	835.9	482.6	524.9	150.6	52.3	124.6	5,862.9
1988-									
November	2,103.7	1,704.9	891.9	489.4	513.5	151.1	56.1	125.9	6,036.5
December	2,112.5	1,719.1	889.0	490.0	517.4	151.8	56.7	125.9	6,062.5
1989-									
January	2,116.8	1,717.7	918.6	500.0	516.9	153.0	55.7	121.8	6,100.5
February	2,111.9	1,714.8	930.9	498.9	519.6	151.5	56.0	120.9	6,104.4
March	2,124.7	1,726.1	938.3	498.3	526.8	151.0	56.3	121.6	6,142.9
April	2,121.5	1,698.0	934.9	510.1	526.2	148.6	56.3	123.6	6,119.1
May	2,129.3	1,708.5	932.8	511.1	522.6	150.5	56.5	123.1	6,134.4
June	2,131.2	1,711.2	932.1	511.8	522.2	150.0	55.9	122.7	6,137.1
July	2,141.2	1,734.9	947.0	510.4	520.4	154.1	59.4	124.6	6,192.2
August	2,159.8	1,730.0	951.8	510.5	522.4	157.3	59.9	126.0	6,217.6
September	2,170.6	1,733.2	944.6	513.1	523.8	156.4	59.5	127.3	6,228.3
October	2,164.7	1,723.0	958.6	516.0	536.4	156.5	62.3	124.7	6,242.2
November	2,168.7	1,723.5	964.7	516.9	539.5	156.2	63.1	123.7	6,256.3
December	2,175.4	1,724.3	973.1	520.2	535.6	157.0	62.7	124.0	6,272.4

TABLE 3. GROSS EARNINGS, STATES AND TERRITORIES, SECTORS
(\$m)

Quarter	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1984-85	21,719.3	16,403.5	8,034.9	4,729.9	5,150.5	1,381.4	494.7	640.4	58,554.7
1985-86	24,030.5	18,747.2	8,830.5	5,171.7	5,869.0	1,513.7	601.1	708.2	65,471.9
1986-87	26,896.8	21,053.5	9,490.0	5,488.3	6,646.3	1,687.9	632.9	824.0	72,719.6
1987-88	31,149.5	23,957.9	10,549.8	6,080.3	7,309.7	1,751.3	624.8	957.5	82,380.7
1988-89	34,980.6	27,232.4	13,031.4	6,732.8	7,795.8	1,880.8	725.7	1,063.8	93,443.2
1987-									
June	7,029.9	5,488.7	2,454.8	1,408.6	1,710.8	446.3	162.0	221.1	18,922.2
September	7,314.3	5,742.9	2,524.4	1,465.6	1,762.4	436.4	160.4	233.1	19,639.4
December	7,979.4	6,222.0	2,701.5	1,525.3	1,898.8	455.5	159.0	250.0	21,191.5
1988-									
March	7,707.1	5,796.5	2,563.1	1,481.8	1,770.9	411.0	149.3	230.4	20,110.1
June	8,148.8	6,196.5	2,760.8	1,607.5	1,877.6	448.3	156.0	244.0	21,439.6
September	8,291.8	6,429.9	2,974.7	1,598.8	1,867.2	442.1	181.0	257.9	22,043.4
December	8,934.6	7,081.1	3,234.4	1,682.2	1,978.6	481.3	177.5	273.6	23,843.3
1989-									
March	8,702.2	6,677.3	3,282.5	1,634.4	1,902.0	466.3	173.8	252.8	23,091.1
June	9,052.0	7,044.0	3,539.8	1,817.5	2,048.1	491.1	193.5	279.5	24,465.5
September	9,388.7	7,369.7	3,620.3	1,833.7	2,027.6	510.3	212.3	284.3	25,246.9
December	10,087.9	7,822.5	3,920.8	1,958.9	2,274.5	549.8	228.2	300.6	27,143.3
PUBLIC									
1984-85	11,678.5	9,112.8	5,002.5	3,078.7	3,069.9	1,038.2	497.3	1,607.0	35,084.9
1985-86	12,562.3	9,799.5	5,363.1	3,252.0	3,299.5	1,123.2	556.4	1,777.8	37,733.7
1986-87	13,415.4	10,565.5	5,702.4	3,423.2	3,509.9	1,169.6	584.2	1,914.0	40,284.2
1987-88	14,142.2	11,296.9	5,839.2	3,629.2	3,748.7	1,233.4	597.5	1,989.7	42,476.9
1988-89	15,067.3	11,900.3	6,429.6	3,845.7	4,030.1	1,309.7	629.9	2,152.6	45,365.4
1987-									
June	3,532.0	2,617.3	1,489.5	894.2	923.9	305.6	152.9	501.0	10,416.3
September	3,433.2	2,849.0	1,484.2	873.4	913.1	315.3	158.7	507.0	10,534.0
December	3,591.1	2,812.5	1,435.6	924.9	966.9	313.9	147.1	489.0	10,681.0
1988-									
March	3,553.9	2,724.5	1,431.0	915.0	926.3	301.9	150.0	513.7	10,516.1
June	3,563.9	2,910.9	1,488.3	916.0	942.4	302.4	141.7	480.1	10,745.8
September	3,768.9	2,937.6	1,564.8	943.1	1,013.3	325.8	161.8	555.3	11,270.5
December	3,816.4	2,985.6	1,678.9	959.9	1,003.1	341.5	155.7	512.2	11,453.3
1989-									
March	3,757.2	2,930.2	1,523.9	965.7	1,029.1	319.8	157.9	570.3	11,254.1
June	3,722.1	3,047.3	1,662.0	977.1	986.1	322.6	154.6	514.8	11,386.6
September	3,907.1	3,059.7	1,648.7	1,004.7	1,098.3	350.0	176.7	565.7	11,811.0
December	3,851.1	3,240.8	1,695.5	1,012.9	1,073.5	357.1	163.4	501.6	11,896.0
PRIVATE AND PUBLIC									
1984-85	33,398.0	25,516.3	13,037.4	7,808.7	8,220.4	2,419.6	991.9	2,247.3	93,639.8
1985-86	36,592.8	28,546.6	14,193.6	8,423.7	9,168.6	2,636.9	1,157.5	2,485.9	103,205.7
1986-87	40,312.1	31,618.9	15,192.4	8,911.4	10,156.2	2,857.5	1,217.2	2,737.9	113,003.8
1987-88	45,291.7	35,254.8	16,389.0	9,709.4	11,058.4	2,984.7	1,222.3	2,947.2	124,857.6
1988-89	50,048.0	39,132.7	19,461.0	10,578.5	11,825.9	3,190.6	1,355.6	3,216.4	138,808.6
1987-									
June	10,561.9	8,105.9	3,944.3	2,302.7	2,634.7	751.8	315.0	722.2	29,338.5
September	10,747.5	8,591.9	4,008.6	2,338.9	2,675.5	751.7	319.1	740.1	30,173.4
December	11,570.5	9,034.5	4,137.1	2,450.2	2,865.7	769.4	306.1	739.0	31,872.5
1988-									
March	11,260.9	8,521.0	3,994.1	2,396.8	2,697.2	712.9	299.3	744.0	30,626.3
June	11,712.7	9,107.4	4,249.2	2,523.5	2,820.0	750.7	297.8	724.1	32,185.4
September	12,060.7	9,367.6	4,539.5	2,541.9	2,880.4	767.9	342.7	813.2	33,313.9
December	12,751.0	10,066.7	4,913.4	2,642.1	2,981.7	822.8	333.1	785.8	35,296.6
1989-									
March	12,459.4	9,607.5	4,806.4	2,600.0	2,931.1	786.1	331.7	823.0	34,345.2
June	12,774.1	10,091.3	5,201.8	2,794.6	3,034.1	813.7	348.1	794.3	35,852.0
September	13,295.8	10,429.4	5,268.9	2,838.4	3,125.9	860.4	389.0	850.0	37,057.9
December	13,939.1	11,063.3	5,616.4	2,971.8	3,348.1	906.8	391.6	802.2	39,039.3

TABLE 4. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES

State, Territory/Sector	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
New South Wales	2,127.0	2,161.1	2,171.0	1,220.5	968.4	2,188.9	2,190.8	13,939.1
Private	1,566.2	1,599.6	1,615.5	900.2	728.2	1,628.4	1,638.7	10,087.9
Public	560.8	561.5	555.5	320.3	240.2	560.5	552.1	3,851.1
Commonwealth	136.0	133.3	133.8	84.6	50.1	134.8	134.3	948.7
State	363.0	368.4	361.1	187.9	176.9	364.8	356.6	2,490.1
Local	61.8	59.8	60.6	47.8	13.2	60.9	61.1	412.4
Victoria	1,729.9	1,732.6	1,725.1	959.9	772.1	1,732.0	1,735.7	11,063.3
Private	1,265.8	1,276.3	1,272.2	714.1	563.9	1,278.0	1,282.9	7,822.5
Public	464.1	456.3	453.0	245.8	208.2	454.0	452.8	3,240.8
Commonwealth	96.9	93.4	91.3	60.4	31.6	92.0	92.1	642.2
State	322.2	317.3	316.2	162.0	154.0	316.0	314.2	2,364.8
Local	45.1	45.7	45.5	23.4	22.5	46.0	46.5	233.7
Queensland	886.5	946.2	963.0	549.3	422.2	971.5	970.5	5,616.4
Private	640.5	694.0	706.8	399.8	314.6	714.3	715.2	3,920.8
Public	246.0	252.2	256.2	149.5	107.6	257.2	255.3	1,695.5
Commonwealth	48.8	48.9	49.6	31.0	18.6	49.6	49.8	318.6
State	170.0	175.3	178.3	94.9	84.1	179.0	176.6	1,195.6
Local	27.1	28.0	28.4	23.7	4.9	28.6	28.9	181.3
South Australia	492.3	513.7	515.1	290.3	229.2	519.5	522.6	2,971.8
Private	340.1	363.1	364.4	205.9	162.5	368.4	372.1	1,958.9
Public	152.1	150.6	150.7	84.4	66.7	151.0	150.5	1,012.9
Commonwealth	33.4	32.6	32.5	22.9	9.7	32.6	32.4	220.8
State	109.7	109.7	110.0	55.7	54.4	110.2	109.9	744.0
Local	9.0	8.2	8.3	5.8	2.5	8.3	8.2	48.1
Western Australia	521.6	523.1	538.3	302.7	240.9	543.6	540.0	3,348.1
Private	365.7	361.7	378.7	215.8	165.0	380.8	382.6	2,274.5
Public	155.9	161.5	159.6	86.9	75.9	162.8	157.4	1,073.5
Commonwealth	25.1	25.2	25.5	15.6	10.2	25.8	24.9	164.0
State	120.3	125.7	123.4	64.0	62.2	126.2	121.8	850.4
Local	10.4	10.5	10.7	7.3	3.5	10.8	10.8	59.2
Tasmania	154.3	155.5	155.8	88.5	68.9	157.4	159.7	906.8
Private	101.4	102.3	102.2	58.4	44.9	103.3	105.0	549.8
Public	53.0	53.2	53.6	30.1	24.0	54.1	54.7	357.1
Commonwealth	9.3	9.2	9.4	6.3	3.2	9.5	9.7	65.4
State	40.2	40.2	40.4	20.9	19.8	40.8	41.1	268.0
Local	3.5	3.7	3.8	2.9	1.0	3.8	3.9	23.7
Northern Territory	55.7	60.4	63.3	34.0	28.6	62.6	61.5	391.6
Private	34.0	38.2	41.0	22.4	17.7	40.2	39.2	228.2
Public	21.7	22.2	22.3	11.5	10.9	22.5	22.3	163.4
Commonwealth	4.9	4.3	4.5	2.7	1.8	4.5	4.2	31.9
State	15.9	16.7	16.6	8.0	8.7	16.7	16.8	125.4
Local	0.9	1.2	1.2	0.8	0.4	1.2	1.2	6.1
Aust. Capital Territory	126.2	126.4	124.7	62.8	61.7	124.5	124.5	802.2
Private	55.4	56.4	56.2	26.0	30.1	56.1	56.3	300.6
Public	70.8	70.0	68.4	36.8	31.6	68.4	68.2	501.6
Commonwealth	70.3	50.4	49.3	28.4	20.8	49.2	49.0	370.1
State(a)	0.5	19.6	19.2	8.4	10.8	19.2	19.2	131.5
Australia	6,093.5	6,219.0	6,256.3	3,507.9	2,792.0	6,300.0	6,305.3	39,039.3
Private	4,369.2	4,491.5	4,537.0	2,542.7	2,026.9	4,569.6	4,591.9	27,143.3
Public	1,724.3	1,727.5	1,719.3	965.3	765.1	1,730.4	1,713.4	11,896.0
Commonwealth	424.6	397.3	395.8	251.9	146.0	397.9	396.4	2,761.7
State	1,141.9	1,173.0	1,165.0	601.8	571.0	1,172.8	1,156.3	8,169.8
Local	157.8	157.2	158.4	111.6	48.1	159.7	160.7	964.6

(a) Includes employees of the N.S.W. State government employed in the A.C.T.

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, STATES AND TERRITORIES, PERSONS

State, Territory/Sector	Number of employees ('000)				
	December 1988	September 1989	October 1989	November 1989	December 1989
New South Wales	2,112.5	2,170.6	2,164.7	2,168.7	2,175.4
Private	1,548.5	1,615.1	1,612.4	1,613.8	1,620.2
Public	564.0	555.5	552.3	554.9	555.2
Commonwealth	136.2	134.1	134.8	135.3	134.5
State	366.4	362.1	357.3	359.2	359.9
Local	61.4	59.3	60.2	60.4	60.8
Victoria	1,719.1	1,733.2	1,723.0	1,723.5	1,724.3
Private	1,253.5	1,280.2	1,274.0	1,270.3	1,270.1
Public	465.6	452.9	449.0	453.2	454.2
Commonwealth	97.0	93.8	91.9	92.5	92.3
State	323.7	314.0	311.7	314.8	315.6
Local	44.9	45.2	45.4	45.8	46.3
Queensland	889.0	944.6	958.6	964.7	973.1
Private	640.5	693.6	703.1	707.7	715.1
Public	248.5	250.9	255.5	257.0	258.0
Commonwealth	48.6	49.1	50.0	49.8	49.6
State	172.4	174.0	177.2	178.6	179.1
Local	27.5	27.8	28.3	28.7	29.3
South Australia	490.0	513.1	516.0	516.9	520.2
Private	338.9	363.4	366.7	367.1	370.7
Public	151.1	149.7	149.3	149.8	149.5
Commonwealth	33.4	32.8	32.6	32.6	32.4
State	108.8	108.6	108.6	108.9	108.9
Local	8.9	8.3	8.2	8.2	8.2
Western Australia	517.4	523.8	536.4	539.5	535.6
Private	361.0	363.4	377.4	377.4	377.7
Public	156.4	160.4	159.0	162.0	157.9
Commonwealth	25.0	25.4	25.7	25.9	24.7
State	120.9	124.5	122.5	125.2	122.4
Local	10.5	10.5	10.8	10.9	10.9
Tasmania	151.8	156.4	156.5	156.2	157.0
Private	99.5	103.9	103.4	102.6	103.1
Public	52.3	52.5	53.1	53.6	53.9
State	39.5	39.5	39.8	40.2	40.4
Northern Territory	56.7	59.5	62.3	63.1	62.7
Private	35.1	37.2	40.1	40.6	40.4
Public	21.7	22.3	22.2	22.5	22.3
Aust. Capital Territory	125.9	127.3	124.7	123.7	124.0
Private	54.6	57.2	56.2	55.3	55.4
Public	71.3	70.1	68.5	68.4	68.6
Australia	6,062.5	6,228.3	6,242.2	6,256.3	6,272.4
Private	4,331.6	4,514.0	4,533.3	4,534.9	4,552.8
Public	1,730.9	1,714.4	1,708.9	1,721.4	1,719.6
Commonwealth	425.4	399.2	397.9	399.2	397.1
State	1,148.1	1,159.0	1,152.9	1,162.9	1,162.3
Local	157.8	156.2	157.9	159.0	160.7

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PUBLIC INSTITUTIONAL SECTOR

State, Territory/Sector	Public Trading Enterprises		Financial Enterprises		General Government Enterprises		Total Public	
	November 1989	December qtr 1989	November 1989	December qtr 1989	November 1989	December qtr 1989	November 1989	December qtr 1989
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
New South Wales								
Total Public	145.3	1,072.2	29.4	183.3	385.8	2,595.6	560.5	3,851.1
Commonwealth	63.7	456.4	18.8	113.2	52.3	379.1	134.8	948.7
State	65.6	501.8	10.5	70.1	288.7	1,918.2	364.8	2,490.1
Local	16.0	114.0	—	—	44.9	298.3	60.9	412.4
Victoria								
Total Public	120.0	1,027.8	20.0	121.8	314.0	2,091.2	454.0	3,240.8
Commonwealth	47.7	342.7	7.1	40.0	37.2	259.6	92.0	642.2
State	70.8	673.7	12.9	81.8	232.4	1,609.3	316.0	2,364.8
Local	1.5	11.4	—	—	44.5	222.3	46.0	233.7
Queensland								
Total Public	44.5	300.5	6.1	32.4	206.5	1,362.6	257.2	1,695.5
Commonwealth	23.5	152.1	6.1	32.4	19.9	134.1	49.6	318.6
State	15.7	113.0	—	—	163.3	1,082.6	179.0	1,195.6
Local	5.4	35.4	—	—	23.2	145.9	28.6	181.3
South Australia								
Total Public	29.6	204.7	6.7	40.9	114.7	767.2	151.0	1,012.9
Commonwealth	15.7	110.3	2.3	12.7	14.5	97.8	32.6	220.8
State	13.8	93.7	4.4	28.3	92.0	622.0	110.2	744.0
Local	0.1	0.7	—	—	8.2	47.4	8.3	48.1
Western Australia								
Total Public	32.4	234.4	7.8	40.2	122.5	798.9	162.8	1,073.5
Commonwealth	11.8	76.9	3.0	15.6	11.1	71.5	25.8	164.0
State	20.6	157.5	4.9	24.6	100.7	668.2	126.2	850.4
Local	—	—	—	—	10.8	59.2	10.8	59.2
Tasmania								
Total Public	9.4	65.8	1.6	9.4	43.1	281.9	54.1	357.1
Commonwealth	3.9	26.8	0.7	3.8	4.9	34.9	9.5	65.4
State	5.1	36.6	0.9	5.7	34.7	225.7	40.8	268.0
Local	0.3	2.4	—	—	3.5	21.3	3.8	23.7
Northern Territory								
Total Public	2.7	20.8	0.4	2.6	19.3	140.0	22.5	163.4
Commonwealth	1.4	10.0	0.3	1.3	2.8	20.6	4.5	31.9
State	1.3	10.8	0.2	1.3	15.3	113.3	16.7	125.4
Local	—	—	—	—	1.2	6.1	1.2	6.1
Australian Capital Territory								
Total Public	5.1	33.7	0.8	4.8	62.5	463.1	68.4	501.6
Commonwealth	2.5	16.1	0.7	4.4	45.9	349.6	49.2	370.1
State(a)	2.6	17.6	0.1	0.4	16.6	113.5	19.2	131.5
Australia								
Total Public	388.9	2,960.0	72.9	435.5	1,268.6	8,500.5	1,730.4	11,896.0
Commonwealth	170.2	1,191.3	39.1	223.3	188.6	1,347.1	397.9	2,761.7
State	195.4	1,604.7	33.8	212.2	943.7	6,352.8	1,172.8	8,169.8
Local	23.3	164.0	—	—	136.3	800.6	159.7	964.6

(a) Includes employees of the N.S.W. State government employed in the A.C.T.

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,
PUBLIC INSTITUTIONAL SECTOR, NOVEMBER 1989
PERSONS ('000)

<i>Industry</i>	<i>Public Trading Enterprises</i>	<i>Financial Enterprises</i>	<i>General Government</i>	<i>Total Public</i>
Agriculture, forestry, fishing and hunting	0.1	—	7.4	7.5
Mining	6.1	—	0.5	6.5
Manufacturing	20.5	0.5	13.6	34.7
Electricity, gas and water	102.1	—	12.8	114.9
Construction	6.2	—	39.1	45.3
Wholesale and retail trade	3.9	—	0.7	4.6
Transport and storage	104.8	—	32.9	137.7
Communication	127.9	—	—	127.9
Finance, property and business services	6.4	71.7	34.4	112.5
Public administration and defence(a)	1.0	0.7	303.9	305.5
Community services	0.7	—	808.1	808.8
Recreation, personal and other services	9.3	—	15.4	24.7
Total all Industries	388.9	72.9	1,268.6	1,730.4

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,
PUBLIC INSTITUTIONAL SECTOR, DECEMBER QUARTER 1989
GROSS EARNINGS (\$m)

<i>Industry</i>	<i>Public Trading Enterprises</i>	<i>Financial Enterprises</i>	<i>General Government</i>	<i>Total Public</i>
Agriculture, forestry, fishing and hunting	0.6	—	48.8	49.5
Mining	79.5	—	3.9	83.4
Manufacturing	138.5	4.9	103.2	246.6
Electricity, gas and water	916.0	—	94.7	1,010.6
Construction	47.7	—	310.3	358.0
Wholesale and retail trade	27.5	—	3.6	31.1
Transport and storage	783.3	—	248.5	1,031.8
Communication	865.7	—	—	865.7
Finance, property and business services	49.9	425.4	202.3	677.6
Public administration and defence(a)	7.3	5.1	1,994.5	2,007.0
Community services	3.9	—	5,371.8	5,375.7
Recreation, personal and other services	40.1	—	119.0	159.1
Total all Industries	2,960.0	435.5	8,500.5	11,896.0

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS - FULL-TIME AND PART-TIME(a) - NOVEMBER 1989

	Number of employees (^{'000})					
	Full-time			Part-time		
	Males	Females	Persons	Males	Females	Persons
AUSTRALIA BY INDUSTRY						
Mining	73.2	6.8	80.1	1.6	1.1	2.7
Manufacturing	750.7	248.9	999.6	29.5	64.2	93.7
Electricity, gas and water	103.4	11.5	114.9	0.9	1.7	2.7
Construction	264.3	36.4	300.7	12.9	14.4	27.2
Wholesale trade	266.0	100.7	366.7	20.4	38.6	59.0
Retail trade	290.2	192.8	483.0	114.2	280.9	395.0
Transport and storage	226.9	51.0	277.9	24.9	14.4	39.3
Communication	93.7	28.9	122.6	2.0	4.8	6.9
Finance, property and business services	335.8	314.8	650.6	44.0	124.7	168.7
Public administration and defence(b)	178.2	90.4	268.5	7.2	29.8	37.0
Community services	377.9	485.5	863.4	77.5	370.2	447.8
Recreation, personal and other services(c)	113.0	95.9	208.8	93.4	182.4	275.7
Total all industries(d)	3,079.2	1,664.5	4,743.7	428.7	1,127.5	1,556.2
Private	2,175.3	1,118.7	3,294.0	367.3	908.2	1,275.5
Public	903.9	545.8	1,449.7	61.4	219.3	280.7
STATES AND TERRITORIES						
New South Wales	1,060.2	591.7	1,651.9	160.3	376.7	537.0
Victoria	853.9	474.0	1,327.9	106.1	298.0	404.1
Queensland	482.2	251.7	733.9	67.1	170.5	237.6
South Australia	249.8	116.1	365.9	40.5	113.1	153.6
Western Australia	270.4	138.0	408.4	32.3	102.9	135.2
Tasmania	78.9	34.8	113.7	9.6	34.1	43.7
Northern Territory	28.8	18.7	47.5	5.1	10.0	15.1
Australian Capital Territory	55.0	39.5	94.5	7.8	22.3	30.0

(a) See Appendix 1-Explanatory Notes, paragraph 19 (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (c) Excludes private households employing staff (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE								
Mining	78.2	75.1	76.5	68.6	7.6	76.2	77.3	842.7
Manufacturing	1,027.3	1,061.3	1,058.9	751.1	307.6	1,058.7	1,061.3	7,423.6
Electricity, gas and water	4.1	2.8	2.7	2.0	0.7	2.7	2.7	20.6
Construction	252.4	284.4	281.9	242.1	40.4	282.6	277.0	2,148.7
Wholesale and retail trade	1,294.4	1,272.2	1,284.8	688.1	611.0	1,299.1	1,314.3	6,300.2
Transport and storage	165.9	181.3	178.9	132.6	46.9	179.6	181.1	1,221.9
Road transport	94.4	98.9	100.5	79.3	20.0	99.2	98.8	603.3
Other transport and storage	71.5	82.3	78.4	53.3	27.0	80.3	82.4	618.6
Finance, property and business services	652.7	674.7	700.3	330.8	376.1	706.9	711.1	4,868.4
Banking	90.1	92.0	94.7	40.5	54.7	95.2	95.8	630.1
Non-bank finance and investment	114.8	113.0	105.6	47.3	59.2	106.6	106.5	834.5
Insurance and services to insurance	61.3	59.3	73.1	33.4	40.4	73.8	74.5	561.9
Property and business services	386.5	410.4	426.9	209.5	221.7	431.2	434.2	2,841.9
Community services	460.7	491.6	501.6	132.3	370.2	502.4	500.1	2,633.9
Health	223.3	233.4	236.1	39.8	197.2	237.0	236.8	1,222.1
Education, museum and library services	103.4	106.3	108.7	31.0	79.2	110.2	108.0	641.3
Welfare and religious institutions	82.1	86.0	88.9	26.7	61.6	88.3	88.1	328.3
Other community services	52.0	65.9	68.0	34.8	32.2	67.0	67.3	442.2
Recreation, personal and other services(a)	432.8	446.6	449.8	194.3	265.6	459.8	465.5	1,673.1
Entertainment and recreational services	90.5	97.8	98.6	51.4	47.6	99.0	98.3	413.0
Restaurants, hotels; personal services	342.3	348.9	351.2	142.8	218.0	360.8	367.2	1,260.1
Total all industries(b)	4,369.2	4,491.5	4,537.0	2,542.7	2,026.9	4,569.6	4,591.9	27,143.3
COMMONWEALTH GOVERNMENT								
Manufacturing	22.2	18.6	18.7	15.3	3.5	18.9	18.6	139.8
Electricity, gas and water	2.3	0.9	0.9	0.7	0.2	0.9	0.9	6.3
Construction	5.5	r 4.6	4.5	4.0	0.5	4.5	4.5	38.8
Wholesale and retail trade	1.4	1.6	1.6	0.7	0.8	1.6	1.6	11.1
Transport and storage	40.5	r 39.2	38.0	29.1	9.9	39.0	38.5	319.5
Communication	127.5	127.1	127.5	94.9	32.9	127.9	128.4	865.7
Finance, property and business services	47.0	45.9	48.4	20.6	27.7	48.3	48.2	280.8
Public administration and defence(c)	111.2	r 105.7	102.8	56.4	46.7	103.1	101.8	702.9
Community services	55.0	r 43.2	43.0	24.0	19.5	43.5	43.4	305.4
Recreation, personal and other services(a)	12.1	r 10.4	10.4	6.1	4.2	10.4	10.3	90.8
Total all industries(d)	424.6	r 397.3	395.8	251.9	146.0	397.9	396.4	2,761.7

For footnotes see end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA-SECTOR AND INDUSTRY—continued

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
STATE GOVERNMENT								
Agriculture, forestry, fishing and hunting	7.7	7.3	7.3	6.0	1.3	7.3	7.4	48.5
Mining	6.7	6.5	6.5	6.1	0.3	6.4	6.4	82.8
Manufacturing	19.7	17.8	14.8	12.7	1.8	14.5	14.3	101.4
Electricity, gas and water	94.2	93.2	91.9	80.5	10.4	90.9	90.7	834.8
Construction	35.3	r 37.6	40.7	30.9	9.8	40.8	40.9	319.0
Wholesale and retail trade	3.0	2.7	2.7	1.8	0.9	2.8	2.8	18.7
Transport and storage	97.4	r 94.5	97.1	88.1	8.1	96.2	95.8	697.2
Finance, property and business services	56.4	62.4	64.2	28.4	35.8	64.2	64.6	396.8
Public administration and defence(c)	76.4	r 74.4	71.3	42.5	29.3	71.8	71.8	541.0
Community services	731.8	r 761.8	754.3	298.9	465.0	763.8	747.7	5,063.1
Recreation, personal and other services	13.3	r 14.7	14.3	5.7	8.4	14.1	14.0	66.5
Total all Industries	1,141.9	r 1,173.0	1,165.0	601.8	571.0	1,172.8	1,156.3	8,169.8
LOCAL GOVERNMENT								
Electricity, gas and water	23.9	23.3	23.2	21.1	2.0	23.1	23.1	169.5
Public administration and defence(c)	129.4	129.1	129.3	86.5	44.1	130.6	131.8	763.1
Other industries	4.5	4.8	5.9	4.0	1.9	5.9	5.7	31.9
Total all Industries	157.8	157.2	158.4	111.6	48.1	159.7	160.7	964.6

For footnotes see end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA-SECTOR AND INDUSTRY—continued

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
TOTAL PUBLIC								
Agriculture, forestry, fishing and hunting	7.8	7.4	7.4	6.1	1.3	7.5	7.5	49.5
Mining	6.8	6.6	6.6	6.2	0.3	6.5	6.5	83.4
Manufacturing	43.1	37.3	34.8	29.1	5.5	34.7	34.1	246.6
Electricity, gas and water	120.4	117.4	116.0	102.3	12.6	114.9	114.7	1,010.6
Construction	40.8	42.3	45.3	35.0	10.3	45.3	45.4	358.0
Wholesale and retail trade	4.4	4.6	4.5	2.7	1.8	4.6	4.6	31.1
Transport and storage	139.3	135.4	137.6	119.2	18.5	137.7	136.8	1,031.8
Road transport	21.6	21.0	21.6	19.0	2.2	21.2	21.2	150.4
Other transport and storage	117.7	114.4	116.1	100.2	16.3	116.5	115.5	881.4
Communication	127.5	127.1	127.5	94.9	32.9	127.9	128.4	865.7
Finance, property and business services	103.4	108.3	112.6	49.0	63.4	112.5	112.9	677.6
Banking	63.4	63.2	65.1	27.7	37.3	65.0	65.1	376.0
Non-bank finance and investment	2.2	1.9	1.9	1.0	0.9	1.9	1.9	13.5
Insurance and services to insurance	14.1	14.9	13.1	4.8	8.3	13.1	13.3	85.1
Property and business services	23.7	28.4	32.4	15.5	16.9	32.4	32.6	202.9
Public administration and defence(c)	317.0	309.2	303.4	185.4	120.1	305.5	305.4	2,007.0
Community services	788.1	806.4	798.7	323.2	485.6	808.8	792.5	5,375.7
Health	286.5	291.9	291.0	78.3	213.4	291.7	290.5	1,948.9
Education, museum and library services	381.0	386.8	380.9	157.1	231.9	389.0	373.4	2,551.9
Welfare and religious institutions	19.6	22.2	22.0	7.2	14.8	22.0	22.6	123.4
Other community services	101.0	105.5	104.7	80.6	25.5	106.1	106.0	751.5
Recreation, personal and other services	25.7	25.4	25.0	12.1	12.7	24.7	24.6	159.1
Total all industries	1,724.3	1,727.5	1,719.3	965.3	765.1	1,730.4	1,713.4	11,896.0
PRIVATE AND PUBLIC								
Mining	85.0	81.7	83.1	74.9	7.9	82.7	83.8	926.1
Coal	29.6	30.6	29.0	28.2	0.9	29.1	29.2	376.7
Other mining	55.4	51.2	54.1	46.6	7.0	53.6	54.6	549.4
Manufacturing	1,070.3	1,098.7	1,093.7	780.2	313.1	1,093.3	1,095.3	7,670.2
Food, beverages and tobacco	173.5	177.6	175.6	118.7	58.7	177.3	177.0	1,130.9
Textiles	34.3	33.5	30.4	18.2	12.7	30.9	31.0	206.6
Clothing	62.7	61.7	63.3	14.5	48.3	62.8	61.6	331.3
Footwear	13.1	12.7	10.7	4.0	6.4	10.4	10.1	60.5
Wood and wood products	46.4	47.2	46.3	39.2	7.0	46.2	46.7	286.1
Furniture and mattresses	34.4	34.6	35.7	28.2	7.8	36.0	35.9	204.2
Paper and paper products	25.0	25.8	19.6	15.8	3.9	19.7	19.5	168.0
Printing and allied industries	88.9	94.8	92.6	53.8	36.8	90.7	90.9	628.6
Chemicals	54.8	57.7	58.1	39.3	18.2	57.5	58.0	493.9
Petroleum and coal products	3.9	4.2	5.4	4.7	0.7	5.4	5.4	63.0
Non-metallic mineral products	45.0	45.5	48.2	41.5	6.6	48.1	48.3	384.5
Basic iron and steel	44.0	42.4	43.3	39.4	3.9	43.3	43.6	371.3
Other basic metal products	28.2	28.7	31.1	28.2	2.9	31.0	31.2	278.8
Fabricated metal products	104.7	101.5	102.7	81.7	22.4	104.1	104.9	688.6
Motor vehicles and parts	68.2	73.8	71.4	56.6	15.1	71.7	71.7	524.7
Other transport equipment	39.6	39.5	38.5	34.8	3.5	38.3	38.5	287.3
Other machinery and equipment	133.6	139.8	141.7	108.7	32.8	141.5	142.2	1,015.9
Miscellaneous manufacturing	70.0	77.8	79.1	53.0	25.4	78.4	79.0	546.1

For footnotes see end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA-SECTOR AND INDUSTRY—continued

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC-continued								
Electricity, gas and water	124.6	120.2	118.6	104.3	13.3	117.6	117.4	1,031.2
Electricity and gas	85.1	81.7	79.9	69.7	9.3	79.0	78.7	739.5
Water, sewerage and drainage	39.4	38.6	38.7	34.6	4.0	38.6	38.7	291.7
Construction	293.3	326.7	327.1	277.1	50.7	327.9	322.4	2,506.7
Wholesale and retail trade	1,298.9	1,276.8	1,289.3	690.8	612.9	1,303.7	1,318.9	6,331.2
Wholesale trade	411.3	424.5	422.3	286.4	139.2	425.6	428.1	2,927.6
Retail trade	887.6	852.3	867.0	404.4	473.6	878.0	890.8	3,403.7
Motor vehicles, petrol, tyres	199.1	209.0	202.5	157.0	45.7	202.8	203.4	1,063.4
Other retail trade	688.4	643.3	664.5	247.3	427.9	675.3	687.4	2,340.2
Transport and storage	305.2	316.7	316.5	251.8	65.4	317.3	317.9	2,253.7
Road transport	116.0	120.0	122.1	98.3	22.2	120.5	120.0	753.7
Rail transport	75.8	72.9	76.1	69.5	5.4	74.9	74.4	536.5
Water transport	9.8	8.3	*7.5	5.9	*2.0	7.9	9.3	66.9
Air transport	35.3	35.1	34.1	22.7	12.4	35.2	34.6	296.0
Other transport and storage	68.4	80.5	76.7	55.4	23.4	78.9	79.7	600.6
Communication	128.1	128.5	129.1	95.7	33.8	129.5	130.0	876.0
Finance, property and business services	756.1	783.0	812.8	379.8	439.5	819.3	824.0	5,545.9
Banking	153.5	155.1	159.9	68.2	92.0	160.2	160.9	1,006.1
Non-bank finance	46.5	38.4	37.3	15.7	21.6	37.3	37.4	290.5
Investment; services to finance and investment	70.5	76.5	70.2	32.7	38.5	71.2	71.0	557.5
Insurance and services to insurance	75.4	74.2	86.2	38.2	48.7	87.0	87.8	647.1
Property and business services	410.2	438.8	459.3	225.0	238.6	463.7	466.8	3,044.8
Public admin. and defence(c)	317.0	309.2	303.4	185.4	120.1	305.5	305.4	2,007.0
Commonwealth government admin.	86.8	81.5	79.2	40.9	38.6	79.5	78.1	553.3
State government admin.	71.0	68.1	65.0	39.0	26.5	65.5	65.8	493.8
Local government admin.	129.5	129.6	129.8	86.7	44.4	131.1	132.4	766.4
Other public admin. and defence(c)	29.7	30.0	29.3	18.7	10.6	29.3	29.2	193.5
Community services	1,248.8	1,298.0	1,300.3	455.4	855.7	1,311.2	1,292.6	8,009.6
Health	509.8	525.3	527.1	118.0	410.6	528.7	527.3	3,171.0
Education, museum and library services	484.3	493.1	489.6	188.1	311.1	499.2	481.4	3,193.1
Welfare and religious institutions	101.7	108.2	110.8	33.9	76.3	110.2	110.7	451.8
Other community services	153.0	171.5	172.8	115.4	57.6	173.1	173.2	1,193.7
Recreation, personal and other services(a)	458.6	472.1	474.8	206.3	278.2	484.6	490.1	1,832.2
Entertainment and recreational services	112.3	119.2	119.6	61.9	57.9	119.8	118.9	551.6
Restaurants, hotels, personal services	346.3	352.9	355.2	144.5	220.3	364.8	371.1	1,280.7
Total all industries(d)	6,093.5	6,219.0	6,256.3	3,507.9	2,792.0	6,300.0	6,305.3	39,039.3

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, AUSTRALIA

<i>Industry</i>	<i>Number of employees ('000)</i>				
	<i>December 1988</i>	<i>September 1989</i>	<i>October 1989</i>	<i>November 1989</i>	<i>December 1989</i>
Mining	84.8	81.8	82.9	82.7	83.6
Manufacturing	1,064.0	1,106.7	1,086.2	1,084.2	1,088.7
Construction	296.3	328.7	325.2	324.2	325.7
Wholesale and retail trade	1,266.0	1,296.5	1,286.8	1,290.9	1,285.5
Transport and storage	301.3	318.6	315.5	314.2	313.9
Communication	127.1	129.2	129.6	130.0	129.0
Finance, property and business services	759.7	786.2	812.8	816.6	827.9
Public administration and defence(a)	318.1	308.5	303.8	306.0	306.6
Community services	1,257.7	1,274.4	1,282.0	1,293.1	1,301.7
Recreation, personal and other services	451.7	477.7	475.4	481.3	482.6
Total all industries(b)(c)	6,062.5	6,228.3	6,242.2	6,256.3	6,272.4

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (b) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (c) Derived indirectly by the addition of seasonally adjusted private and public sector estimates, not by the summation of the component industries because not all industries are seasonally adjusted.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES - SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE								
Mining	21.5	21.0	19.4	18.3	1.0	19.4	19.5	227.0
Manufacturing	359.0	357.1	356.8	249.7	105.9	355.7	357.0	2,606.0
Electricity, gas and water; construction	85.0	92.7	89.0	79.0	12.6	91.7	88.5	686.3
Wholesale and retail trade	453.7	433.3	447.9	243.3	210.0	453.3	459.2	2,356.3
Transport and storage	59.1	67.5	63.6	45.8	18.4	64.3	66.0	458.9
Finance, property and business services	261.2	274.3	279.0	133.6	147.8	281.5	281.8	2,114.1
Banking	34.8	34.8	36.1	15.7	20.7	36.3	36.6	307.2
Non-bank finance, investment and insurance	74.0	77.9	79.5	36.8	43.0	79.8	80.2	664.8
Property and business services	152.4	161.7	163.5	81.1	84.2	165.3	165.0	1,142.1
Community services	158.1	173.1	175.7	45.1	129.5	174.6	174.8	906.6
Health	81.1	79.3	78.1	13.8	64.7	78.5	78.1	395.3
Education, museum and library services	35.3	38.9	39.4	9.1	31.1	40.2	39.2	224.8
Welfare and other community services	41.6	54.8	58.2	22.2	33.7	55.9	57.5	286.5
Recreation, personal and other services(a)	168.5	179.7	183.3	84.8	102.4	187.2	191.0	726.3
Total all industries(b)	1,566.2	1,599.6	1,615.5	900.2	728.2	1,628.4	1,638.7	10,087.9
PUBLIC								
Agriculture, forestry, fishing and hunting	3.1	2.8	2.7	2.3	0.5	2.8	2.8	18.2
Mining	3.5	3.2	3.2	3.1	0.1	3.2	3.2	42.8
Manufacturing	17.2	15.0	12.2	10.8	1.5	12.3	12.1	94.4
Electricity, gas and water; construction	54.2	55.1	55.4	48.2	7.1	55.3	55.4	452.3
Wholesale and retail trade	0.7	0.7	0.6	0.3	0.3	0.5	0.6	5.3
Transport and storage	55.2	52.9	56.1	47.1	9.3	56.4	55.2	411.4
Communication	46.0	44.4	44.9	33.4	11.7	45.0	45.1	308.0
Finance, property and business services	43.5	44.0	46.9	17.8	29.2	47.0	47.0	271.6
Banking	25.0	24.6	25.3	10.8	14.5	25.3	25.3	152.9
Non-bank finance, investment and insurance	5.0	5.3	5.3	1.9	3.4	5.3	5.4	34.7
Property and business services	13.5	14.1	16.3	5.1	11.4	16.5	16.4	84.0
Public administration and defence(c)	89.5	84.2	81.7	52.8	29.2	82.0	82.4	543.6
Community services	237.5	249.4	242.1	99.6	146.7	246.3	238.7	1,633.5
Health	85.8	86.9	84.4	22.4	62.6	85.0	84.5	607.4
Education, museum and library services	108.3	115.3	110.9	47.6	67.0	114.6	107.2	729.5
Welfare and other community services	43.4	47.3	48.2	30.3	17.9	48.3	48.6	306.1
Recreation, personal and other services	10.4	9.8	9.6	5.0	4.6	9.6	9.6	70.1
Total all industries	560.8	561.5	555.5	320.3	240.2	560.5	552.1	3,851.1

For footnotes see end of table.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES-SECTOR AND INDUSTRY—continued

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	25.0	24.2	22.6	21.5	1.1	22.6	22.7	269.7
Manufacturing	376.1	372.1	369.1	260.5	107.4	367.9	369.1	2,700.4
Food, beverages and tobacco	55.1	54.0	55.7	36.2	19.6	55.8	55.6	363.2
Textiles; clothing and footwear	29.8	29.4	30.1	10.6	19.6	30.2	29.8	179.1
Wood and wood products	15.8	15.6	15.0	13.0	2.0	14.9	15.1	97.7
Furniture and mattresses	9.7	9.8	9.4	7.3	2.3	9.6	9.6	57.8
Paper, paper products, printing and publishing	37.9	42.1	38.9	22.7	16.1	38.8	38.7	292.2
Chemical, petroleum and coal products	27.4	29.0	31.1	20.3	9.9	30.2	30.4	281.3
Non-metallic mineral products	16.0	15.8	16.6	14.0	2.6	16.6	16.9	134.8
Basic metal products	35.2	33.3	33.5	30.7	2.6	33.3	33.5	298.1
Fabricated metal products	35.4	33.0	32.6	25.3	7.8	33.1	33.7	226.0
Motor vehicles and parts	8.3	8.7	7.7	6.2	1.6	7.8	7.8	51.3
Other transport equipment	17.8	16.7	14.3	12.5	1.4	13.9	13.9	103.9
Other machinery and equipment	62.9	57.8	56.7	43.2	13.7	56.9	57.1	421.8
Miscellaneous manufacturing	24.9	26.8	27.4	18.5	8.2	26.7	26.9	193.0
Electricity, gas and water	42.8	39.9	39.2	34.7	4.5	39.2	39.2	307.6
Construction	96.4	107.8	105.1	92.6	15.2	107.8	104.8	831.0
Wholesale and retail trade	454.4	434.0	448.4	243.6	210.2	453.8	459.8	2,361.6
Wholesale trade	145.3	143.0	144.2	96.4	49.4	145.7	146.5	1,089.3
Retail trade	309.1	291.0	304.2	147.2	160.9	308.1	313.3	1,272.3
Motor vehicles, petrol, tyres	67.3	74.9	75.6	58.2	17.0	75.2	75.6	404.6
Other retail trade	241.8	216.1	228.6	89.0	143.9	232.9	237.6	867.7
Transport and storage	114.3	120.4	119.7	92.9	27.8	120.7	121.2	870.3
Road transport	41.1	43.5	41.1	33.8	7.2	41.0	40.8	282.1
Other transport and storage	73.2	76.9	78.6	59.2	20.5	79.7	80.5	588.2
Communication	46.3	45.3	45.8	33.8	12.1	45.9	46.0	314.5
Finance, property and business services	304.7	318.3	325.9	151.4	177.0	328.5	328.8	2,385.7
Banking	59.8	59.4	61.3	26.5	35.1	61.6	61.9	460.1
Non-bank finance and investment	51.4	54.3	45.4	21.0	24.5	45.5	45.7	373.7
Insurance and services to insurance	27.6	28.9	39.4	17.8	21.8	39.6	39.8	325.8
Property and business services	165.9	175.8	179.8	86.2	95.6	181.8	181.4	1,226.1
Public admin. and defence(c)	89.5	84.2	81.7	52.8	29.2	82.0	82.4	543.6
Commonwealth government admin.	17.9	17.3	17.2	7.9	9.3	17.2	17.1	111.1
State government admin.	22.5	19.0	16.8	9.7	7.1	16.7	16.7	118.2
Local government admin.	41.7	40.8	40.6	30.1	10.9	41.0	41.4	270.7
Other public admin. and defence(c)	7.3	7.2	7.1	5.1	2.0	7.1	7.2	43.5
Community services	395.6	422.5	417.8	144.7	276.2	421.0	413.5	2,540.1
Health	166.9	166.2	162.6	36.2	127.3	163.5	162.6	1,002.7
Education, museum and library services	143.7	154.2	150.4	56.7	98.0	154.8	146.3	954.3
Welfare and other community services	85.0	102.1	106.4	52.6	51.7	104.2	106.1	592.6
Recreation, personal and other services(a)	178.9	189.5	192.8	89.7	107.0	196.8	200.5	796.4
Entertainment and recreational services	45.6	54.8	55.9	30.1	26.4	56.5	56.6	278.6
Restaurants, hotels; personal services	133.3	134.7	136.9	59.7	80.6	140.3	143.9	517.8
Total all industries(d)	2,127.0	2,161.1	2,171.0	1,220.5	968.4	2,188.9	2,190.8	13,939.1

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA - SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	5.7	5.3	5.3	4.4	0.6	5.1	5.1	58.1
Manufacturing	351.4	370.9	367.7	249.3	118.2	367.5	369.2	2,641.0
Electricity, gas and water; construction	70.1	75.1	76.3	62.6	11.7	74.2	73.2	603.1
Wholesale and retail trade	364.9	353.5	346.3	189.2	160.8	350.1	354.2	1,791.8
Transport and storage	45.8	46.5	46.6	35.0	11.2	46.2	44.8	291.1
Finance, property and business services	194.0	190.2	200.4	96.3	105.6	201.9	203.0	1,391.7
Banking	26.5	27.3	28.0	12.8	15.3	28.1	28.3	128.9
Non-bank finance, investment and insurance	57.3	53.5	55.3	23.2	33.0	56.1	56.5	414.9
Property and business services	110.2	109.4	117.1	60.4	57.3	117.7	118.2	847.9
Community services	131.6	132.7	133.8	35.5	98.5	133.9	133.3	731.2
Health	54.8	55.4	56.3	8.8	47.1	55.9	55.9	282.2
Education, museum and library services	37.4	34.1	34.8	10.2	25.0	35.2	35.3	221.2
Welfare and other community services	39.5	43.3	42.7	16.5	26.4	42.9	42.0	227.8
Recreation, personal and other services(a)	102.2	101.7	95.5	41.8	57.2	99.0	99.9	313.1
Total all industries(b)	1,265.8	1,276.3	1,272.2	714.1	563.9	1,278.0	1,282.9	7,822.5
PUBLIC								
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	0.4
Mining	2.2	2.3	2.2	2.2	0.1	2.2	2.1	31.2
Manufacturing	12.7	9.3	9.1	7.1	2.1	9.2	9.0	64.8
Electricity, gas and water; construction	45.0	43.1	44.2	37.9	5.5	43.4	42.9	455.2
Wholesale and retail trade	1.1	1.4	1.4	0.8	0.7	1.4	1.5	10.5
Transport and storage	31.0	30.4	30.5	26.1	4.0	30.1	30.4	251.2
Communication	35.9	36.9	36.5	27.2	9.6	36.8	37.0	256.2
Finance, property and business services	22.2	25.9	26.5	11.9	14.6	26.5	26.6	167.9
Banking	17.9	18.0	18.5	7.7	10.8	18.5	18.6	109.1
Non-bank finance, investment and insurance	3.2	3.2	3.2	1.1	2.1	3.2	3.2	20.8
Property and business services	1.2	4.7	4.8	3.1	1.7	4.8	4.8	38.0
Public administration and defence(c)	86.2	84.2	81.2	44.6	37.4	82.0	83.0	498.4
Community services	222.0	217.3	216.0	85.6	131.5	217.1	215.1	1,476.8
Health	83.4	88.6	89.3	23.0	66.3	89.2	88.3	585.0
Education, museum and library services	111.5	101.2	99.8	42.9	57.9	100.8	99.7	689.4
Welfare and other community services	27.1	27.5	26.8	19.7	7.2	26.9	26.9	201.2
Recreation, personal and other services	5.7	5.5	5.2	2.5	2.8	5.3	5.2	28.4
Total all industries	464.1	456.3	453.0	245.8	208.2	454.0	452.8	3,240.8

For footnotes see end of table.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA - SECTOR AND INDUSTRY—continued

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	7.9	7.6	7.6	6.6	0.7	7.3	7.2	89.3
Manufacturing	364.2	380.3	376.8	256.4	120.3	376.7	378.1	2,705.8
Food, beverages and tobacco	49.7	52.7	48.5	32.6	16.7	49.3	50.1	324.1
Textiles; clothing and footwear	61.3	58.4	54.5	19.2	34.8	54.1	53.6	315.8
Wood and wood products	10.5	10.6	10.6	8.5	1.9	10.4	10.6	64.9
Furniture and mattresses	9.7	11.6	12.0	9.7	2.4	12.1	12.0	73.3
Paper, paper products, printing and publishing	38.8	40.1	33.4	21.8	11.4	33.2	33.6	246.8
Chemical, petroleum and coal products	19.6	21.4	21.9	15.2	6.9	22.1	22.2	192.2
Non-metallic mineral products	12.7	13.6	15.1	12.8	2.2	15.1	15.1	124.9
Basic metal products	12.4	14.0	17.0	14.8	2.2	17.0	17.3	146.9
Fabricated metal products	33.9	29.1	29.9	22.4	7.6	29.9	30.0	213.1
Motor vehicles and parts	39.9	42.7	41.3	31.6	9.9	41.5	41.3	316.0
Other transport equipment	10.1	10.5	11.3	10.0	1.3	11.4	11.5	94.6
Other machinery and equipment	38.6	46.6	50.6	37.6	12.2	49.9	49.8	366.8
Miscellaneous manufacturing	26.9	29.0	30.6	20.1	10.6	30.7	31.0	226.3
Electricity, gas and water	38.4	37.6	36.8	31.9	4.1	36.0	35.5	397.5
Construction	76.7	80.5	83.6	68.6	13.0	81.6	80.5	660.7
Wholesale and retail trade	366.0	355.0	347.8	190.0	161.5	351.5	355.7	1,802.3
Wholesale trade	130.6	130.6	123.7	82.8	41.3	124.1	124.8	898.3
Retail trade	235.4	224.4	224.1	107.2	120.2	227.4	230.9	904.0
Motor vehicles, petrol, tyres	54.0	55.1	51.0	41.4	9.8	51.3	51.4	272.8
Other retail trade	181.4	169.3	173.1	65.7	110.4	176.1	179.5	631.2
Transport and storage	76.9	76.9	77.2	61.1	15.2	76.3	75.2	542.3
Road transport	32.8	29.8	32.0	25.4	5.9	31.3	30.7	166.9
Other transport and storage	44.0	47.1	45.2	35.7	9.3	45.0	44.5	375.4
Communication	36.0	37.2	36.7	27.3	9.8	37.1	37.3	257.6
Finance, property and business services	216.2	216.1	226.9	108.2	120.1	228.3	229.6	1,559.5
Banking	44.4	45.2	46.5	20.5	26.1	46.6	46.9	238.0
Non-bank finance and investment	39.4	37.2	*38.8	15.4	*24.1	*39.5	*39.6	*291.8
Insurance and services to insurance	21.1	19.6	19.7	8.9	11.0	19.9	20.1	143.8
Property and business services	111.3	114.1	121.9	63.5	59.0	122.4	123.0	885.9
Public admin. and defence(c)	86.2	84.2	81.2	44.6	37.4	82.0	83.0	498.4
Commonwealth government admin.	13.7	12.6	12.1	6.5	5.8	12.3	12.4	81.4
State government admin.	20.4	18.2	16.7	10.0	6.7	16.7	17.0	135.9
Local government admin.	42.7	43.3	43.1	22.0	21.6	43.6	44.1	218.3
Other public admin. and defence(c)	9.5	10.1	9.3	6.0	3.4	9.4	9.5	62.9
Community services	353.6	350.1	349.8	121.1	230.0	351.0	348.4	2,208.0
Health	138.2	144.0	145.6	31.8	113.4	145.2	144.3	867.2
Education, museum and library services	148.8	135.3	134.5	53.1	82.9	135.9	135.0	910.6
Welfare and other community services	66.5	70.8	69.5	36.2	33.6	69.8	68.9	429.0
Recreation, personal and other services(a)	107.9	107.2	100.8	44.3	60.0	104.2	105.1	341.4
Entertainment and recreational services	27.6	28.0	26.9	13.0	14.1	27.1	26.0	106.0
Restaurants, hotels; personal services	80.3	79.2	73.9	31.3	45.9	77.2	79.1	235.5
Total all industries(d)	1,729.9	1,732.6	1,725.1	959.9	772.1	1,732.0	1,735.7	11,063.3

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND - SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	18.1	18.1	19.2	17.7	1.6	19.3	19.3	221.3
Manufacturing	117.8	128.6	131.6	99.4	33.4	132.8	131.8	834.7
Electricity, gas and water; construction	47.8	52.0	55.6	48.0	7.0	55.1	53.5	382.1
Wholesale and retail trade	212.3	217.3	217.6	112.7	106.6	219.3	220.9	982.2
Transport and storage	24.0	32.2	35.0	25.7	8.8	34.5	34.0	235.8
Finance, property and business services	83.1	93.8	93.9	43.8	52.6	96.4	99.8	567.2
Banking	13.4	14.5	14.7	5.7	9.0	14.7	14.7	91.8
Non-bank finance, investment and insurance	16.8	16.9	20.3	*10.4	10.1	20.6	20.3	*149.3
Property and business services	52.9	62.3	58.9	27.7	33.5	61.1	64.8	326.1
Community services	64.2	74.0	76.8	21.0	56.6	77.6	76.2	399.7
Health	29.7	37.7	39.2	6.8	32.9	39.7	40.0	217.2
Education, museum and library services	13.9	14.8	15.8	4.9	11.0	15.9	14.9	89.9
Welfare and other community services	20.6	21.5	21.8	9.3	12.8	22.0	21.4	92.6
Recreation, personal and other services(a)	73.0	77.7	77.0	31.4	47.9	79.2	79.4	296.6
Total all industries(b)	640.5	694.0	706.8	399.8	314.6	714.3	715.2	3,920.8
PUBLIC								
Agriculture, forestry, fishing and hunting	1.6	1.5	1.5	1.3	0.2	1.6	1.6	10.0
Manufacturing	5.2	5.3	5.6	4.7	0.7	5.4	5.2	35.9
Electricity, gas and water; construction	21.8	22.1	22.3	16.1	6.2	22.3	22.5	166.6
Wholesale and retail trade	1.6	1.5	1.5	1.0	0.5	1.5	1.5	8.6
Transport and storage	27.1	26.7	26.1	23.7	2.5	26.1	26.0	185.5
Communication	20.3	20.6	20.8	15.6	5.0	20.6	21.0	131.5
Finance, property and business services	12.0	12.0	11.7	5.8	5.9	11.6	11.7	68.8
Banking	6.1	5.8	6.1	2.6	3.6	6.1	6.1	32.2
Non-bank finance, investment and insurance	3.2	3.4	1.8	0.6	1.1	1.8	1.8	10.2
Property and business services	2.7	2.8	3.8	2.6	1.2	3.8	3.8	26.3
Public administration and defence(c)	43.7	44.7	45.8	31.4	14.7	46.1	46.3	294.7
Community services	110.6	115.7	118.6	49.0	70.7	119.7	117.5	780.2
Health	36.3	36.5	37.0	11.4	25.5	36.8	36.9	229.4
Education, museum and library services	55.7	58.5	61.0	23.1	38.6	61.7	59.5	420.6
Welfare and other community services	18.6	20.8	19.5	13.6	6.4	20.0	19.7	126.1
Recreation, personal and other services	2.1	2.2	2.2	0.9	1.3	2.2	2.2	13.7
Total all industries	246.0	252.2	256.2	149.5	107.6	257.2	255.3	1,695.5

For footnotes see end of table.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND - SECTOR AND INDUSTRY—continued

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	18.1	18.1	19.2	17.7	1.6	19.3	19.3	221.3
Coal	9.1	9.7	9.8	9.5	*0.4	9.9	10.0	127.9
Other mining	9.0	8.4	9.4	8.2	1.2	9.4	9.3	93.4
Manufacturing	123.0	133.9	137.2	104.1	34.1	138.2	137.0	870.6
Food, beverages and tobacco	27.8	35.6	35.4	25.5	9.7	35.2	33.3	228.4
Textiles; clothing and footwear	6.5	6.6	6.9	1.6	5.2	6.8	6.4	34.1
Wood and wood products	5.9	6.2	6.6	5.3	*1.4	6.7	7.0	35.4
Furniture and mattresses	6.9	6.2	6.2	4.8	1.5	6.3	6.3	32.0
Paper, paper products, printing and publishing	13.0	13.7	15.1	9.8	5.3	15.1	15.2	93.7
Chemical, petroleum and coal products	4.6	4.3	4.0	3.1	1.0	4.1	4.1	29.1
Non-metallic mineral products	7.2	7.6	7.3	6.9	0.5	7.4	7.4	56.5
Basic metal products	7.1	6.0	6.7	6.2	0.6	6.7	6.8	56.1
Fabricated metal products	15.7	18.2	19.4	16.3	3.6	19.8	20.0	114.8
Motor vehicles and parts	4.1	5.2	5.4	4.9	0.5	5.4	5.5	36.5
Other transport equipment	6.4	6.8	6.9	6.6	0.3	7.0	7.1	46.9
Other machinery and equipment	11.1	9.6	9.9	8.5	1.8	10.3	10.8	67.5
Miscellaneous manufacturing	6.7	8.0	7.2	4.6	2.7	7.3	7.3	39.8
Electricity, gas and water	15.0	14.6	14.7	12.9	1.8	14.7	14.8	113.9
Construction	54.7	59.5	63.2	51.2	11.5	62.7	61.2	434.8
Wholesale and retail trade	213.9	218.8	219.1	113.7	107.1	220.8	222.4	990.8
Wholesale trade	58.4	72.6	73.1	49.0	24.5	73.6	74.1	436.0
Retail trade	155.5	146.2	145.9	64.7	82.5	147.2	148.3	554.8
Motor vehicles, petrol, tyres	38.9	36.8	35.5	25.7	10.0	35.7	35.5	182.3
Other retail trade	116.6	109.4	110.5	39.0	72.5	111.5	112.7	372.4
Transport and storage	51.1	59.0	61.1	49.4	11.3	60.6	60.0	421.3
Road transport	15.9	20.8	23.3	17.8	*4.7	22.5	22.2	*143.6
Other transport and storage	35.2	38.1	37.8	31.6	6.5	38.1	37.8	277.8
Communication	20.5	20.7	21.0	15.7	5.1	20.8	21.1	132.6
Finance, property and business services	95.1	105.8	105.6	49.6	58.5	108.1	111.5	635.9
Banking	19.5	20.3	20.8	8.3	12.5	20.8	20.8	124.0
Non-bank finance and investment	10.2	*10.0	*10.2	*6.1	4.3	*10.4	*10.1	*86.8
Insurance and services to insurance	9.8	10.3	11.9	5.0	6.9	11.9	11.9	72.7
Property and business services	55.6	65.1	62.7	30.2	34.7	64.9	68.6	352.5
Public admin. and defence(c)	43.7	44.7	45.8	31.4	14.7	46.1	46.3	294.7
Commonwealth government admin.	9.8	9.6	9.4	4.6	4.7	9.3	9.4	62.2
State government admin.	9.1	9.5	10.5	6.2	4.3	10.5	10.4	69.4
Local government admin.	21.9	22.5	22.9	18.7	4.4	23.1	23.4	144.6
Other public admin. and defence(c)	2.9	3.1	3.1	1.9	1.2	3.1	3.1	18.4
Community services	174.8	189.7	195.4	70.0	127.3	197.3	193.7	1,179.9
Health	66.0	74.2	76.1	18.1	58.4	76.5	76.9	446.6
Education, museum and library services	69.6	73.3	76.8	28.0	49.5	77.6	74.4	510.5
Welfare and other community services	39.1	42.2	41.3	22.9	19.1	42.0	41.1	218.8
Recreation, personal and other services(a)	75.1	79.9	79.2	32.3	49.1	81.4	81.6	310.4
Entertainment and recreational services	15.5	16.0	14.6	7.4	7.4	14.8	15.3	62.5
Restaurants, hotels; personal services	59.6	63.9	64.6	24.9	41.8	66.7	66.3	247.9
Total all industries(d)	886.5	946.2	963.0	549.3	422.2	971.5	970.5	5,616.4

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE								
Mining	4.6	3.1	2.9	2.5	0.4	2.9	3.0	29.1
Manufacturing	94.1	100.6	99.2	74.1	25.1	99.2	99.7	651.6
Electricity, gas and water; construction	18.3	24.2	20.1	17.6	2.8	20.4	20.9	141.7
Wholesale and retail trade	98.5	103.5	105.7	54.9	52.2	107.1	108.7	436.1
Transport and storage	13.4	11.7	11.1	8.7	2.6	11.3	11.9	69.6
Finance, property and business services	39.6	40.9	42.2	20.4	23.1	43.5	43.7	272.3
Banking	5.7	5.4	5.4	2.3	3.1	5.4	5.4	34.8
Non-bank finance, investment and insurance	11.1	8.8	8.9	4.2	5.0	9.2	9.6	65.7
Property and business services	22.8	26.7	27.9	13.9	15.0	28.9	28.7	171.8
Community services	39.5	43.9	45.4	12.2	34.0	46.2	46.4	230.2
Health	23.4	25.6	25.2	4.0	21.3	25.3	25.4	129.9
Education, museum and library services	5.6	7.6	7.7	3.2	4.6	7.8	7.9	44.0
Welfare and other community services	10.5	10.7	12.6	*5.0	*8.1	13.1	13.1	*56.3
Recreation, personal and other services(a)	32.1	35.3	37.5	15.5	22.1	37.6	37.5	127.4
Total all Industries(b)	340.1	363.1	364.4	205.9	162.5	368.4	372.1	1,958.9
PUBLIC								
Agriculture, forestry, fishing and hunting	0.6	0.6	0.6	0.5	0.1	0.6	0.6	4.1
Mining	1.1	1.1	1.1	0.9	0.2	1.1	1.1	9.5
Manufacturing	3.9	3.7	3.7	3.3	0.4	3.7	3.7	23.1
Electricity, gas and water; construction	15.1	14.7	14.7	13.2	1.5	14.7	14.7	102.1
Wholesale and retail trade	0.2	0.2	0.2	0.1	0.1	0.2	0.2	1.1
Transport and storage	10.7	10.1	10.1	9.2	1.0	10.2	10.2	73.4
Communication	9.4	9.1	9.2	7.2	2.0	9.2	9.1	64.3
Finance, property and business services	9.0	9.5	9.5	4.9	4.7	9.5	9.6	62.5
Banking	5.5	5.8	5.8	2.8	3.0	5.9	5.9	34.2
Non-bank finance, investment and insurance	1.5	1.4	1.4	0.6	0.8	1.4	1.5	9.9
Property and business services	2.0	2.3	2.3	1.4	0.9	2.3	2.3	18.3
Public administration and defence(c)	22.2	21.3	20.9	13.0	8.3	21.3	21.2	142.1
Community services	77.3	77.5	77.8	31.1	46.7	77.8	77.4	514.8
Health	31.1	30.8	30.8	7.9	22.9	30.9	30.8	188.5
Education, museum and library services	34.1	34.5	34.5	13.9	20.7	34.6	34.2	236.2
Welfare and other community services	12.0	12.2	12.9	9.3	3.3	12.7	12.8	92.6
Recreation, personal and other services	2.6	2.8	2.9	1.0	1.7	2.7	2.7	15.9
Total all Industries	152.1	150.6	150.7	84.4	66.7	151.0	150.5	1,012.9

For footnotes see end of table.

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA - SECTOR AND INDUSTRY—continued

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	5.7	4.2	4.1	3.5	0.6	4.1	4.1	38.6
Manufacturing	98.0	104.3	102.9	77.3	25.5	102.9	103.4	674.7
Food, beverages and tobacco	19.1	16.0	16.8	11.5	5.4	16.9	17.3	99.7
Textiles; clothing and footwear	6.7	7.8	7.1	2.9	4.2	7.1	7.1	38.6
Wood and wood products	5.6	5.1	4.6	4.0	0.5	4.6	4.5	29.1
Furniture and mattresses	2.6	2.9	2.8	2.4	0.5	2.8	2.8	13.8
Paper, paper products, printing and publishing	7.5	8.3	8.6	5.5	2.5	8.0	8.0	56.3
Chemical, petroleum and coal products	2.5	2.5	2.3	1.8	*0.5	2.4	2.3	17.3
Non-metallic mineral products	3.1	3.0	3.6	3.2	0.5	3.7	3.6	28.6
Basic metal products	7.5	7.8	7.6	7.1	0.5	7.7	7.8	61.5
Fabricated metal products	8.5	8.8	8.2	7.1	1.5	8.5	8.6	50.6
Motor vehicles and parts	13.5	14.6	15.0	12.1	2.9	15.0	15.1	109.5
Other transport equipment	2.0	2.2	2.2	2.1	0.2	2.3	2.3	14.8
Other machinery and equipment	11.5	15.8	14.7	11.0	3.7	14.7	14.9	95.4
Miscellaneous manufacturing	7.9	9.4	9.2	6.6	2.7	9.2	9.2	59.6
Electricity, gas and water	10.7	10.5	10.4	9.4	1.1	10.4	10.4	72.4
Construction	22.7	28.4	24.3	21.4	3.2	24.6	25.1	171.4
Wholesale and retail trade	98.7	103.7	105.9	55.0	52.3	107.3	108.9	437.1
Wholesale trade	29.9	31.0	32.0	21.6	10.6	32.2	32.6	186.1
Retail trade	68.8	72.7	73.9	33.4	41.7	75.1	76.3	251.0
Motor vehicles, petrol, tyres	15.6	17.6	16.2	12.6	3.8	16.4	16.6	76.7
Other retail trade	53.2	55.1	57.6	20.8	38.0	58.7	59.7	174.3
Transport and storage	24.1	21.8	21.3	17.9	3.6	21.5	22.1	143.0
Road transport	9.7	9.8	10.2	8.6	1.4	10.0	10.1	62.3
Other transport and storage	14.4	12.0	11.1	9.3	2.2	11.5	12.0	80.7
Communication	9.4	9.2	9.4	7.2	2.2	9.4	9.3	65.2
Finance, property and business services	48.6	50.4	51.7	25.3	27.8	53.0	53.4	334.8
Banking	11.2	11.2	11.2	5.2	6.1	11.3	11.3	69.0
Non-bank finance and investment	5.4	3.7	4.3	2.0	2.3	4.3	4.4	29.4
Insurance and services to insurance	7.2	6.4	6.0	2.9	3.4	6.3	6.7	46.3
Property and business services	24.9	29.0	30.2	15.3	15.9	31.2	31.0	190.1
Public admin. and defence(c)	22.2	21.3	20.9	13.0	8.3	21.3	21.2	142.1
Commonwealth government admin.	5.7	5.7	5.6	3.0	2.7	5.7	5.6	37.3
State government admin.	5.6	5.3	5.2	3.4	2.1	5.5	5.4	42.6
Local government admin.	8.9	8.0	8.0	5.6	2.5	8.1	8.0	46.8
Other public admin. and defence(c)	*2.1	*2.3	*2.1	*1.1	*1.1	*2.2	*2.2	*15.3
Community services	116.7	121.4	123.2	43.3	80.7	124.0	123.8	745.0
Health	54.5	56.4	56.0	12.0	44.2	56.2	56.2	318.5
Education, museum and library services	39.7	42.0	42.2	17.1	25.3	42.4	42.2	280.3
Welfare and other community services	22.5	22.9	25.5	14.3	11.4	25.8	25.8	148.9
Recreation, personal and other services(a)	34.8	38.1	40.4	16.5	23.8	40.3	40.3	143.4
Entertainment and recreational services	9.4	8.8	10.1	5.0	4.5	9.5	8.7	42.0
Restaurants, hotels; personal services	25.4	29.3	30.3	11.5	19.4	30.8	31.6	101.4
Total all Industries(d)	492.3	513.7	515.1	290.3	229.2	519.5	522.6	2,971.8

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	23.8	22.9	24.9	21.4	3.3	24.8	25.6	262.0
Manufacturing	71.1	68.7	70.2	52.4	17.4	69.8	69.4	455.4
Electricity, gas and water; construction	22.4	27.8	29.3	24.9	*4.5	29.3	29.1	248.9
Wholesale and retail trade	112.2	110.5	111.6	59.0	53.8	112.8	114.3	495.6
Transport and storage	16.9	15.9	15.8	12.1	4.4	16.5	17.3	122.0
Finance, property and business services	49.4	46.9	54.7	22.7	31.8	54.5	53.7	352.7
Banking	6.0	6.1	6.8	2.5	4.2	6.8	6.8	43.2
Non-bank finance, investment and insurance	11.6	9.7	9.5	4.2	5.5	9.7	9.5	69.7
Property and business services	31.8	31.1	38.4	15.9	22.1	38.0	37.4	239.8
Community services	37.0	37.9	39.2	10.4	29.3	39.7	38.7	214.5
Health	20.7	19.5	21.5	*3.9	17.7	21.7	21.2	119.8
Education, museum and library services	7.4	6.9	6.8	2.4	4.5	6.9	6.5	36.1
Welfare and other community services	8.9	11.5	11.0	4.0	7.1	11.2	11.0	58.5
Recreation, personal and other services(a)	32.7	31.0	33.0	13.0	20.4	33.3	34.5	123.2
Total all industries(b)	365.7	361.7	378.7	215.8	165.0	380.8	382.6	2,274.5
PUBLIC								
Agriculture, forestry, fishing and hunting	1.7	1.6	1.6	1.3	0.4	1.6	1.7	11.1
Mining	—	—	—	—	—	—	—	—
Manufacturing	2.8	2.9	2.9	2.5	0.5	2.9	2.9	19.3
Electricity, gas and water; construction	15.0	14.7	14.7	13.1	1.5	14.6	14.7	120.4
Wholesale and retail trade	0.3	0.4	0.5	0.3	0.1	0.5	0.5	3.4
Transport and storage	10.1	10.2	9.6	8.6	1.0	9.7	9.7	71.3
Communication	10.1	10.1	10.1	7.4	2.8	10.1	10.2	64.8
Finance, property and business services	10.4	10.7	11.5	5.4	6.1	11.5	11.4	63.9
Banking	6.4	6.8	7.1	2.8	4.1	7.0	6.9	34.3
Non-bank finance, investment and insurance	1.6	1.4	1.3	0.5	0.8	1.4	1.3	8.5
Property and business services	2.5	2.5	3.1	2.0	1.1	3.1	3.1	21.0
Public administration and defence(c)	22.4	23.6	23.7	14.3	9.5	23.8	23.0	155.4
Community services	81.0	85.1	82.8	32.8	53.0	85.9	81.2	550.4
Health	30.2	29.3	29.8	8.3	21.8	30.1	30.2	215.5
Education, museum and library services	39.0	43.9	41.2	15.9	27.5	43.4	38.6	245.0
Welfare and other community services	11.7	11.8	11.8	8.6	3.8	12.4	12.4	89.9
Recreation, personal and other services	2.1	2.3	2.3	1.2	1.1	2.2	2.2	13.7
Total all industries	155.9	161.5	159.6	86.9	75.9	162.8	157.4	1,073.5

For footnotes see end of table.

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA - SECTOR AND INDUSTRY—continued

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	23.8	22.9	24.9	21.4	3.3	24.8	25.6	262.0
Manufacturing	73.9	71.6	73.1	54.9	17.9	72.7	72.3	474.7
Food, beverages and tobacco	13.4	10.5	11.3	7.8	4.2	12.0	12.2	67.6
Textiles; clothing and footwear	3.6	3.8	3.4	1.3	2.3	3.5	3.5	18.4
Wood and wood products	4.9	5.3	5.6	4.8	0.9	5.6	5.6	32.1
Furniture and mattresses	4.8	3.5	4.6	3.5	1.0	4.5	4.5	23.8
Paper, paper products, printing and publishing	9.1	9.2	9.0	4.4	3.7	8.1	7.9	49.8
Chemical, petroleum and coal products	3.6	3.2	3.3	2.9	0.5	3.4	3.4	29.0
Non-metallic mineral products	4.6	4.3	4.2	3.5	0.6	4.1	4.1	31.1
Basic metal products	6.0	6.1	5.5	5.0	0.5	5.5	5.5	48.5
Fabricated metal products	8.4	9.4	9.8	8.1	1.7	9.8	9.6	67.1
Transport equipment	4.5	4.6	4.8	4.4	0.4	4.8	4.7	32.8
Other machinery and equipment	8.1	8.2	7.9	6.7	1.1	7.8	7.7	53.2
Miscellaneous manufacturing	3.0	3.6	3.7	2.5	1.0	3.5	3.6	21.3
Electricity, gas and water	10.4	10.3	10.2	9.2	0.9	10.1	10.2	86.1
Construction	27.0	32.2	33.8	28.8	*5.0	33.8	33.6	283.2
Wholesale and retail trade	112.5	110.9	112.1	59.3	54.0	113.3	114.8	499.0
Wholesale trade	33.8	31.8	34.8	25.6	10.0	35.6	35.7	224.6
Retail trade	78.7	79.1	77.3	33.7	44.0	77.7	79.1	274.4
Motor vehicles, petrol, tyres	15.8	16.1	15.3	12.0	3.4	15.4	15.4	83.1
Other retail trade	62.9	63.0	62.1	21.7	40.5	62.3	63.7	191.4
Transport and storage	27.0	26.1	25.3	20.7	5.5	26.2	26.9	193.3
Road transport	10.6	10.1	9.7	7.7	2.1	9.8	10.0	62.1
Other transport and storage	16.5	16.0	15.7	13.0	3.4	16.4	16.9	131.2
Communication	10.1	10.1	10.1	7.4	2.8	10.2	10.2	65.0
Finance, property and business services	59.8	57.6	66.2	28.1	37.9	65.9	65.0	416.6
Banking	12.4	12.9	13.8	5.3	8.4	13.7	13.7	77.5
Non-bank finance and investment	7.0	6.1	5.6	2.8	2.9	5.7	5.5	45.6
Insurance and services to insurance	6.2	5.0	5.3	1.9	3.4	5.3	5.3	32.7
Property and business services	34.2	33.6	41.5	17.9	23.2	41.1	40.5	260.8
Public admin. and defence(c)	22.4	23.6	23.7	14.3	9.5	23.8	23.0	155.4
Commonwealth government admin.	5.0	5.6	5.6	2.8	2.8	5.6	4.7	34.1
State government admin.	5.7	6.1	5.8	3.6	2.3	5.9	6.1	51.8
Local government admin.	10.3	10.6	10.8	7.1	3.7	10.8	10.8	59.4
Other public admin. and defence(c)	1.5	1.4	1.5	0.8	0.6	1.4	1.5	10.1
Community services	118.1	122.9	122.0	43.3	82.3	125.6	120.0	764.8
Health	51.0	48.8	51.2	12.3	39.5	51.8	51.4	335.3
Education, museum and library services	46.4	50.8	47.9	18.3	31.9	50.2	45.1	281.1
Welfare and other community services	20.7	23.3	22.9	12.7	10.9	23.6	23.4	148.4
Recreation, personal and other services(a)	34.8	33.3	35.3	14.1	21.5	35.6	36.7	136.9
Entertainment and recreational services	7.1	6.8	6.9	3.9	3.0	6.9	7.4	33.7
Restaurants, hotels; personal services	27.7	26.5	28.4	10.2	18.5	28.7	29.3	103.2
Total all industries(d)	521.6	523.1	538.3	302.7	240.9	543.6	540.0	3,348.1

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA - SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE								
Mining	2.8	2.8	2.9	2.7	0.2	2.9	3.0	28.3
Manufacturing	27.8	28.7	27.3	21.6	5.9	27.6	28.1	191.8
Electricity, gas and water; construction	4.2	4.8	4.2	3.6	*0.7	4.3	4.3	25.1
Wholesale and retail trade	25.5	25.5	26.9	14.5	13.1	27.6	27.9	108.2
Transport and storage	4.2	4.5	4.4	3.7	0.8	4.5	4.5	29.0
Finance, property and business services	10.2	11.7	11.3	5.4	5.4	10.8	11.3	64.0
Banking	1.8	1.8	1.8	0.8	1.0	1.8	1.8	11.4
Non-bank finance, investment and insurance	2.3	2.8	2.6	1.1	1.5	2.6	2.6	16.5
Property and business services	6.1	7.1	6.8	3.6	2.9	6.4	6.8	36.0
Community services	16.0	15.1	*15.2	3.6	*11.8	*15.4	*15.7	67.7
Health	*8.9	*10.1	*10.0	*1.2	*8.8	*10.1	*10.3	*42.9
Education, museum and library services	2.5	2.0	2.0	0.6	1.4	2.0	2.0	11.2
Welfare and other community services	4.6	3.0	3.2	1.7	1.6	3.3	3.4	13.6
Recreation, personal and other services(a)	10.8	9.2	10.0	3.2	6.9	10.1	10.2	35.7
Total all industries(b)	101.4	102.3	102.2	58.4	44.9	103.3	105.0	549.8
PUBLIC								
Agriculture, forestry, fishing and hunting	0.8	0.8	0.8	0.6	0.1	0.8	0.8	5.0
Manufacturing	0.1	0.1	0.1	0.1	—	0.1	0.1	0.8
Electricity, gas and water; construction	6.1	6.0	5.9	5.4	0.5	5.9	5.9	42.3
Wholesale and retail trade	0.2	0.2	0.2	0.1	*0.0	0.2	0.2	1.0
Transport and storage	2.2	2.2	2.3	2.0	0.2	2.3	2.4	16.9
Communication	2.7	3.0	2.9	2.2	0.7	3.0	3.0	20.1
Finance, property and business services	2.7	2.7	2.8	1.5	1.4	2.9	3.0	18.1
Banking	1.5	1.4	1.4	0.6	0.8	1.4	1.4	8.5
Non-bank finance, investment and insurance	0.5	0.5	0.5	0.3	0.3	0.5	0.5	3.4
Property and business services	0.7	0.8	0.9	0.6	0.3	0.9	1.0	6.2
Public administration and defence(c)	10.1	9.9	9.9	6.7	3.5	10.1	10.0	64.5
Community services	27.4	27.6	27.9	11.0	17.2	28.3	28.7	182.9
Health	10.1	9.9	9.8	2.7	7.2	9.9	9.9	63.0
Education, museum and library services	14.1	14.6	14.9	6.0	9.1	15.1	15.2	95.4
Welfare and other community services	3.1	3.1	3.1	2.3	0.9	3.2	3.6	24.5
Recreation, personal and other services	0.7	0.7	0.7	0.4	0.3	0.7	0.7	5.4
Total all industries	53.0	53.2	53.6	30.1	24.0	54.1	54.7	357.1

For footnotes see end of table.

TABLE 17.EMPLOYED WAGE AND SALARY EARNERS,TASMANIA - SECTOR AND INDUSTRY—continued

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	2.8	2.8	2.9	2.7	0.2	2.9	3.0	28.3
Manufacturing	27.9	28.9	27.4	21.7	6.0	27.7	28.2	192.5
Food, beverages and tobacco	7.3	7.2	6.7	4.3	2.6	7.0	7.4	41.5
Textiles; clothing and footwear	2.0	1.7	2.0	0.9	1.1	2.0	2.0	10.8
Wood; wood products and furniture	3.6	4.0	3.7	3.3	0.4	3.7	3.8	23.7
Paper, paper products, printing and publishing	5.3	5.1	5.1	4.2	0.9	5.0	5.0	43.7
Chemical, petroleum and coal products	1.1	1.4	0.8	0.7	0.1	0.8	1.0	7.9
Non-metallic mineral products	1.1	0.9	0.9	0.8	0.1	0.9	0.9	6.4
Basic metal products	2.9	2.9	3.1	3.0	0.1	3.1	3.0	28.4
Fabricated metal products	*1.9	*2.2	*2.0	1.8	*0.2	*2.0	2.0	*11.5
Transport equipment	0.8	1.1	0.7	0.7	0.1	0.7	0.8	4.8
Other manufacturing	1.8	2.4	2.3	2.0	0.4	2.4	2.5	13.7
Electricity, gas and water	4.6	4.6	4.5	4.0	0.4	4.5	4.4	32.3
Construction	5.6	6.2	5.6	5.0	0.8	5.7	5.7	35.1
Wholesale and retail trade	25.7	25.7	27.1	14.6	13.1	27.7	28.0	109.1
Wholesale trade	7.2	7.9	8.1	6.1	1.9	8.0	8.2	43.8
Retail trade	18.5	17.8	19.0	8.5	11.2	19.7	19.8	65.3
Motor vehicles, petrol, tyres	3.9	4.4	4.4	3.5	0.8	4.3	4.3	20.8
Other retail trade	14.5	13.4	14.6	5.0	10.4	15.4	15.5	44.5
Transport and storage	6.4	6.6	6.7	5.8	1.0	6.8	6.9	46.0
Road transport	3.0	3.0	3.1	2.7	0.4	3.2	3.2	18.3
Other transport and storage	3.4	3.7	3.6	3.0	0.6	3.6	3.8	27.6
Communication	2.8	3.0	3.0	2.2	0.8	3.0	3.0	20.2
Finance, property and business services	12.9	14.4	14.1	6.9	6.8	13.7	14.2	82.1
Banking	3.2	3.2	3.2	1.4	1.8	3.2	3.2	19.9
Non-bank finance and investment	*1.1	*1.2	*1.0	*0.5	*0.6	*1.0	*1.1	*7.1
Insurance and services to insurance	1.6	2.1	2.1	0.9	*1.2	2.1	2.1	12.8
Property and business services	6.9	7.9	7.7	4.2	3.2	7.3	7.8	42.2
Public admin. and defence(c)	10.1	9.9	9.9	6.7	3.5	10.1	10.0	64.5
Commonwealth government admin.	2.0	1.8	1.8	0.9	0.9	1.8	1.8	11.6
State government admin.	4.2	3.9	3.8	2.6	1.4	4.0	4.1	27.0
Local government admin.	3.1	3.4	3.4	2.5	0.9	3.4	3.5	21.1
Other public admin. and defence(c)	0.9	0.9	0.9	0.6	0.3	0.9	0.5	4.8
Community services	43.4	42.7	43.1	14.6	29.1	43.7	44.4	250.6
Health	19.0	20.0	19.8	3.9	16.0	20.0	20.2	105.9
Education, museum and library services	16.6	16.6	16.9	6.7	10.5	17.1	17.3	106.7
Welfare and other community services	7.8	6.1	6.3	4.0	2.5	6.5	7.0	38.0
Recreation, personal and other services(a)	11.4	9.9	10.7	3.6	7.2	10.9	10.9	41.0
Entertainment and recreational services	*3.3	1.4	1.5	0.8	*0.7	1.6	1.5	9.2
Restaurants, hotels; personal services	8.2	8.5	9.2	2.8	6.5	9.3	9.5	31.9
Total all industries(d)	154.3	155.5	155.8	88.5	68.9	157.4	159.7	906.8

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 18. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY - INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	\$m
	Persons	Persons	Persons	Males	Females	Persons	Persons	
Mining	1.6	1.8	1.8	1.5	0.3	1.7	1.8	15.9
Manufacturing	3.3	3.6	3.6	2.6	0.9	3.5	3.4	25.0
Electricity, gas and water	1.2	1.3	1.3	1.0	0.3	1.3	1.3	10.8
Construction	4.6	*6.2	*6.2	*5.2	*1.2	*6.4	6.1	*51.0
Wholesale and retail trade	9.7	11.6	12.0	6.2	5.8	12.0	12.0	56.7
Transport and storage	1.8	2.1	1.7	1.1	0.5	1.6	1.6	12.1
Communication	1.2	1.0	1.1	0.8	0.3	1.1	1.1	7.8
Finance, property and business services	4.9	5.0	6.7	*3.5	3.1	6.7	6.5	35.1
Public administration and defence(a)	6.3	6.6	6.9	3.8	3.0	6.9	6.6	48.9
Community services	16.4	17.0	17.5	6.5	10.6	17.0	17.1	108.6
Health	5.4	6.5	6.5	1.9	4.6	6.5	6.5	43.2
Education, museum and library services	5.4	5.5	5.8	2.0	3.8	5.9	5.9	44.2
Welfare and other community services	5.6	5.0	5.2	2.5	*2.1	4.7	4.8	21.2
Recreation, personal and other services(b)	4.8	4.1	4.8	1.7	2.7	4.4	4.1	19.8
Total all industries(c)	55.7	60.4	63.3	34.0	28.6	62.6	61.5	391.6

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes employees of government agencies classified to agriculture, forestry and hunting.

TABLE 19. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY - INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	December 1988	September 1989	October 1989	November 1989		December 1989	December Quarter 1989	\$m
	Persons	Persons	Persons	Males	Females	Persons	Persons	
Manufacturing	3.9	4.0	3.8	2.7	1.1	3.7	3.8	26.6
Electricity, gas and water	1.4	1.5	1.5	1.3	0.2	1.5	1.5	10.5
Construction	5.6	5.8	5.3	4.4	0.8	5.2	5.4	39.5
Wholesale and retail trade	18.1	17.1	17.0	8.4	8.9	17.2	17.4	74.6
Transport and storage	3.7	3.7	*3.6	2.9	*0.7	3.6	4.0	25.5
Communication	1.8	2.0	2.0	1.2	0.8	2.0	2.0	13.1
Finance, property and business services	13.8	15.5	15.8	6.8	8.3	15.1	14.9	96.3
Public administration and defence(a)	36.5	34.6	33.2	18.8	14.5	33.3	33.0	259.4
Community services	30.3	31.7	31.5	12.0	19.6	31.6	31.5	212.4
Health	8.7	9.3	9.2	1.9	7.2	9.1	9.2	51.6
Education, museum and library services	14.1	15.3	15.0	6.1	9.2	15.3	15.2	105.4
Welfare and other community services	7.5	7.1	7.2	4.0	3.2	7.2	7.1	55.4
Recreation, personal and other services(b)	10.8	10.2	10.9	4.1	6.9	11.0	10.8	42.9
Total all industries(c)	126.2	126.4	124.7	62.8	61.7	124.5	124.5	802.2

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes mining and employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 20. EMPLOYED WAGE AND SALARY EARNERS, PRIVATE SECTOR - EMPLOYER UNIT SIZE(a)

	Less than 20 employees		20-99 employees		100 or more employees		Total	
	November 1989	December Quarter 1989	November 1989	December Quarter 1989	November 1989	December Quarter 1989	November 1989	December Quarter 1989
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
AUSTRALIA BY INDUSTRY								
Mining	5.9	55.3	9.2	103.1	61.2	684.2	76.2	842.7
Manufacturing	188.3	1,008.9	231.3	1,510.9	639.1	4,903.8	1,058.7	7,423.6
Electricity, gas and water	0.2	1.0	0.4	3.2	2.0	16.4	2.7	20.6
Construction	140.8	838.1	65.9	531.2	75.9	779.5	282.6	2,148.7
Wholesale and retail trade	498.2	2,204.6	260.2	1,505.1	540.7	2,590.4	1,299.1	6,300.2
Transport and storage	61.3	309.7	45.6	322.3	72.7	589.9	179.6	1,221.9
Finance, property and business services	239.8	1,411.8	173.8	1,316.7	293.3	2,139.9	706.9	4,868.4
Community services	142.4	747.9	116.8	581.3	243.2	1,304.7	502.4	2,633.9
Recreation, personal and other services(b)	193.4	611.2	138.7	502.6	127.7	559.3	459.8	1,673.1
Total all industries(c)	1,470.8	7,191.6	1,042.3	6,378.5	2,056.4	13,573.2	4,569.6	27,143.3
STATES AND TERRITORIES								
New South Wales	512.2	2,548.4	351.3	2,307.5	764.9	5,232.0	1,628.4	10,087.9
Victoria	387.3	1,906.4	302.0	1,873.9	588.7	4,042.2	1,278.0	7,822.5
Queensland	250.3	1,192.1	161.7	898.1	302.4	1,830.6	714.3	3,920.8
South Australia	123.1	582.4	86.5	467.8	158.9	908.7	368.4	1,958.9
Western Australia	121.4	589.4	87.6	541.0	171.7	1,144.0	380.8	2,274.5
Tasmania	37.3	160.9	25.9	139.4	40.1	249.4	103.3	549.8
Northern Territory	16.4	90.6	12.7	70.0	11.0	67.6	40.2	228.2
Australian Capital Territory	22.7	121.3	14.7	80.6	18.7	98.7	56.1	300.6

(a) See Appendix 3. (b) Excludes private households employing staff. (c) Includes employees of private enterprises classified to communication.

APPENDIX 1 - EXPLANATORY NOTES

Introduction

This publication contains results of the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employer units, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaces the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of this survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

Scope of the survey

3. All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except: members of the Australian permanent defence forces; employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting; employees in private households employing staff; employees of overseas embassies, consulates, etc; employees based outside Australia.

4. As an indicator of the number of employed wage and salary earners out of scope of the survey, and included in the first three groups above, the following estimates derived from other sources show the average number of employees for the year ended June 1989 as:

• New South Wales	76,700
• Victoria	43,700
• Queensland	52,700
• South Australia	17,300
• Western Australia	26,500
• Tasmania	9,700
• Northern Territory	5,500
• Australian Capital Territory	7,900
• Australia	240,000

Survey design

5. The survey is conducted by mail each quarter with data collected on monthly number of employees and quarterly earnings. For the first and last month of each quarter, only the total number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time are collected.

6. For the *Private* and *Public* sectors, samples of approximately 15,000 private and 2,500 public employer units were selected from the ABS register of businesses to

ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had a significant number of employees in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing enterprises which are split into separate statistical units should continue to report on that basis. In addition, larger enterprises which are not currently split into separate statistical units are examined to decide whether they should be split for the purpose of reporting their employees. Any changes in reporting arrangements as a result of such review can have an impact on the industry estimates at the time of their implementation. Private sector statistical units are stratified by State, industry, and number of employees. Public sector statistical units are further stratified by institutional sector. An equal probability sample is selected from each stratum.

7. For the March quarter 1988 survey, a new private sector sample was introduced which reduced the number of private sector statistical units selected from 20,000 to 15,000. The new allocation of units within the existing stratification was achieved without significant loss of accuracy in the main estimates. The greater than usual change in the sample in recent quarters, however, has caused an increase in the standard error of the movement in the estimates between those periods (see paragraphs 10 to 12, below, for more information on interpretation of estimates of movements).

8. For the September quarter 1988, public sector sampling was introduced which reduced the number of public sector statistical units from a complete enumeration of approximately 4,000 to a sample of 2,500. This change has also been achieved without significant loss of accuracy in the main estimates.

Reliability of estimates

9. Estimates are subject to sampling and non-sampling errors. For more information refer to Appendix 2 - Technical Note.

Interpretation of estimates of movements

10. While estimates of employed wage and salary earners are presented in this publication for each month of the quarter, the survey is conducted quarterly and the sample of employer units is updated each quarter to reflect changes in the ABS register of business units, from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, changes in the number of employees, and businesses which have ceased operations. Such updating of the register can contribute to sudden changes in the estimates of employed wage and salary earners, and earnings.

11. Recently the ABS has introduced new definitions and rules for recording units on the register with greater emphasis being given to the way organisations are structured and the type of data available from businesses' accounts. In order to correctly interpret these new rules, the ABS has commenced a program of visits to the largest private and public sector organisations in Australia to obtain up to date information on their structure and operations. The outcome of these visits and the adoption of new units definitions will be changes in the survey estimates, as outlined in paragraph 10 above.

12. Estimates of monthly movements within each quarter arise solely from changes in reported number of employees by employer units but movements between quarters also reflect changes resulting from updating the survey sample.

Seasonal Adjustment

13. Seasonally adjusted series are published in Tables 2, 5 and 11. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

14. The series have been seasonally adjusted from September 1983 and the historical series can be made available on request. The seasonal factors will be reviewed annually to take account of each additional year's original data.

15. It is possible that the seasonality of employment has been affected to varying degrees by the changed patterns of school holidays in some States. The impact of these changes on seasonally adjusted estimates cannot be assessed at this stage, and such effects are contained in both original and seasonally adjusted series.

16. Details about the method of seasonal adjustment of these series are available on request.

Standard Institutional Sector Classification of Australia (SISCA)

17. SISCA is a system for classifying institutional units by broad economic sectors and is a key component of the general national accounting framework. For the purposes of these statistics the classification has been used to separate public sector enterprises into public business (trading and financial) and general government. Certain public sector data have been classified by SISCA and are presented in Tables 6, 7 and 8.

Comparability of results

18. This series differs in several important ways from the former payroll tax-based civilian employees series, and estimates of employed wage and salary earners obtained from the Labour Force Survey (LFS). It provides an estimate of the number of jobs occupied by people, whereas

the other two series provide estimates of the number of people in jobs. For this series, data are obtained directly from a sample survey of employer units drawn from the ABS register of business units, which is more complete than the coverage provided by employers subject to payroll tax. Comparability with LFS estimates is affected by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the LFS, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the SEE series, the former payroll tax-based Civilian Employees series and the series provided by the LFS is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0). Additional detail on the differences between the SEE and the LFS series appears in the *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0), and in the supplement to the December 1986 issue of the *Treasury Roundup*.

19. Separate estimates of full-time and part-time employees are included in Table 9. For definitions of these terms, see Appendix 3 - Glossary. This table was first published in the June quarter 1987 issue of this publication and has not been published for previous quarters back to September 1983. This information is available on request. For the reasons outlined above in paragraph 18, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. Generally, the number of full-time employees is higher in the LFS series, and the number of part-time employees is higher in the SEE series. In the LFS, a person who works more than 35 hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

20. The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. Whilst average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, States and Australia* (6302.0). The SEE collects the sum of employee earnings paid in all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also subject to

seasonal variations particularly in December and March quarters due to the incidence of holidays taken in January being paid in advance and the earnings being reported in December quarter figures.

21. Prior to July 1983 the number of public sector employees was derived from a variety of administrative sources and published in *The Labour Force, Australia* (6203.0). Public sector employee figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employer units.

22. Differences occur between the new and old public sector series because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of public employees in forestry and services to agriculture (11,200 in May 1983). To provide a statistical link between the new and old public sector series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

Employer unit size classification

23. Data presented in Table 20 show the concentration of employees in employer units in three size ranges. Over a period, the composition of these categories will vary as some employer units migrate from one size group to another due to changes in their employment levels. This will affect changes over time in the distribution of employees by size of employer unit.

Semi-logarithmic graphs

24. Diagram 5 on page 3 has been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth.

Related publications

25. Users may also wish to refer to the following publications which are available on request:

The Labour Force, Australia (6203.0) — issued monthly

Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings (6263.0) — issued 11 July 1985

Average Weekly Earnings, Australia (Preliminary) (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0) — issued quarterly

Pay Periodicity of Gross Wages and Salaries, Australia, September quarter 1984 (6347.0) — issued 5 September 1985

Occasional Paper No. 1986/1: Statistics on Wages, Earnings, Income and Labour Costs — A Guide to Their Concepts, Measurement and Usage — issued June 1986

A Guide to Labour Statistics (6102.0) — issued 10 February 1986

Small Business in Australia 1983-84 to 1986-87 (1321.0) — issued September 1988.

26. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released within the next few days. The Catalogue and Publications Advice are available from any ABS office.

Unpublished statistics

27. In some cases, the ABS can also make available other information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, diskette, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to Brian McLinden on Canberra (06) 252 6655, or to Information Services in the nearest ABS office.

Symbols and other usages

- nil or rounded to zero
- r revised
- * subject to sampling variability too high for most practical purposes. See paragraph 3 of Appendix 2 - Technical Note

28. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

Electronic services

DISCOVERY. Key *656# for selected current economic, (VIATEL) social, and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through PAXUS COMNET. For further information phone the AUSSTATS Help Desk on (06) 252 6017.

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Text and tables for selected Main Economic Indicator publications. Further information is available on (06) 252 5405.

Floppy disk service

Selected ABS statistics are available on floppy disk. For further information phone (06) 252 6684.

APPENDIX 2 - TECHNICAL NOTE

Reliability of estimates

Estimates for both the private and public sectors in this publication are subject to sampling variability because they are based on information relating to a sample of employer units rather than a full enumeration, (i.e. they may differ from the figures that would have been produced if the information had been obtained from all employer units). This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce the non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the *standard error* which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with standard errors greater than 25 per cent of the estimate have been labelled with an asterisk.

4. Standard errors of estimates of *level*, by industry, are shown in Table A for the private sector and Table B for the public sector and relate only to the third month of the quarter. As the survey is conducted quarterly from a common sample of employer units, who report details of employees for each month of the quarter, standard errors

on all estimates for total persons employed in each month are of a similar magnitude.

5. Standard errors of estimates of *movements*, provide a measure of the reliability of changes in the level of an estimate. Tables A and B show standard errors for movements in the level of estimates for the private and public sectors respectively for persons between the third month of successive quarters. Annual movement standard errors are also shown for the private sector in Table A and relate to December 1988 - December 1989 movements.

6. An example of the use of standard error on *levels* is as follows. If the estimated number of wage and salary earners was 5,500,000 with a standard error of 25,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,475,000 to 5,525,000 and about nineteen chances in twenty that it would be in the range 5,450,000 to 5,550,000.

7. An example of the use of standard error on *movements* is as follows. If the estimated standard error for a quarterly change estimate of wage and salary earners was 15,000 and the quarterly change estimate between two quarters was 40,000 persons, then there would be about two chances in three that a full enumeration would have given a quarterly change estimate in the range 25,000 to 55,000 persons and about nineteen chances in twenty that it would be in the range 10,000 to 70,000 persons.

8. Quarterly movements in estimates of employed wage and salary earners are considered to be statistically significant where they exceed two standard errors.

9. Standard errors for earnings are approximately the same relative size as standard errors for number of employees. Detailed standard errors for both employment and earnings are available on request.

TABLE A. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - PRIVATE SECTOR :
STANDARD ERRORS, DECEMBER 1989, PERSONS
(^{'000})

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Mining	1.0	0.3	1.0	0.2	1.5	0.1	0.1	—	2.1
Manufacturing	7.0	5.9	3.9	1.8	2.3	0.9	0.3	0.2	10.4
Construction	5.2	9.7	5.5	2.7	4.4	0.6	1.5	0.8	13.4
Wholesale and retail trade	16.3	14.6	9.3	6.6	3.5	1.6	1.5	1.0	25.0
Transport and storage	7.3	3.7	5.9	1.2	1.5	0.5	0.2	1.3	10.4
Finance, property and business services	13.5	13.8	9.5	3.6	4.3	1.2	1.6	1.7	22.4
Community services	6.7	6.5	5.6	3.7	4.4	4.3	0.9	0.7	13.1
Recreation, personal and other services(a)	11.6	6.8	6.3	2.3	2.3	0.7	0.7	1.2	15.3
Total all industries	27.5	25.2	18.1	9.3	9.2	5.0	2.9	2.9	44.0
QUARTERLY MOVEMENT									
Mining	0.9	0.1	0.7	0.1	1.1	0.1	—	—	1.6
Manufacturing	5.8	6.3	2.5	1.0	3.8	0.7	0.1	0.2	9.8
Construction	3.3	5.5	3.2	4.1	2.6	0.7	0.9	0.3	8.7
Wholesale and retail trade	14.4	9.8	6.1	4.1	2.4	1.4	0.6	1.0	19.1
Transport and storage	3.2	5.1	4.5	0.5	1.3	0.4	0.4	1.0	7.7
Finance, property and business services	9.3	8.7	6.4	2.1	3.9	0.9	1.3	1.6	15.1
Community services	2.9	3.7	2.2	1.9	4.0	0.6	0.5	0.2	6.9
Recreation, personal and other services(a)	4.1	5.0	5.9	2.1	1.6	0.5	0.6	0.8	9.2
Total all industries	19.4	17.5	12.4	6.9	8.0	2.1	1.9	2.3	31.0
ANNUAL MOVEMENT(b)									
Mining	1.2	0.3	1.2	0.3	1.2	0.1	0.2	—	2.1
Manufacturing	8.3	7.8	4.5	2.6	2.7	0.8	0.3	0.2	12.8
Construction	5.0	10.1	5.0	2.4	4.5	0.7	1.5	0.8	13.5
Wholesale and retail trade	17.3	14.0	10.1	6.4	4.4	2.0	1.4	1.2	25.8
Transport and storage	6.4	5.6	5.8	0.6	1.8	0.4	0.3	1.5	10.6
Finance, property and business services	13.5	13.8	7.7	3.2	4.4	1.1	1.3	1.4	21.6
Community services	6.8	6.8	5.6	2.6	17.0	2.4	0.9	0.6	20.7
Recreation, personal and other services(a)	10.5	14.4	7.1	2.5	2.4	1.2	1.0	1.0	19.6
Total all industries	27.8	28.9	18.0	8.8	19.1	3.7	2.9	2.8	49.0

(a) Excludes private households employing staff. (b) See paragraph 5 on previous page.

TABLE B. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - PUBLIC SECTOR :
STANDARD ERRORS(a), DECEMBER 1989, PERSONS
(^{'000})

Industry	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
LEVEL									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	0.1	0.1	—	—	—	—	—	0.1
Electricity, gas and water	0.1	0.1	0.2	—	—	—	—	—	0.2
Construction	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	—	0.1	—	0.1	—	—	—	0.1
Transport and storage	0.2	2.5	0.1	—	—	—	—	—	2.5
Communication	—	0.1	—	—	—	—	—	—	0.1
Finance, property and business services	0.3	—	0.1	—	—	—	—	—	0.3
Public administration and defence(b)	1.4	0.7	0.3	0.5	0.4	0.1	—	—	1.7
Community services	2.1	0.9	1.2	0.8	0.5	—	—	—	2.7
Recreation, personal and other services	1.3	—	—	0.1	—	—	—	0.1	1.3
Total all industries	2.2	2.6	1.2	0.9	0.6	0.1	—	0.1	3.8
QUARTERLY MOVEMENT									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	0.1	0.1	—	—	—	—	—	0.1
Electricity, gas and water	—	—	0.1	—	—	—	—	—	0.1
Construction	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	—	0.1	—	—	—	—	—	0.1
Transport and storage	0.2	2.3	0.1	—	—	—	—	—	2.3
Communication	—	0.1	—	—	—	—	—	—	0.1
Finance, property and business services	0.2	—	0.1	—	—	—	—	—	0.2
Public administration and defence(b)	0.7	0.7	0.5	0.2	0.3	—	—	—	1.2
Community services	1.2	1.0	0.6	0.1	0.4	—	—	—	1.7
Recreation, personal and other services	0.9	—	—	0.1	—	—	—	0.1	0.9
Total all industries	1.2	2.5	0.8	0.2	0.5	—	—	0.1	3.0

(a) Annual standard errors of movement are not currently available. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

APPENDIX 3 - GLOSSARY

Commonwealth government employees. Persons employed by all departments, agencies and authorities created by or reporting to the Commonwealth Parliament, including trading bodies such as banks, airlines and communications bodies. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

Employer units are the statistical units which make up the population from which the sample was drawn (see paragraph 6 of Appendix 1 - Explanatory Notes).

Employer unit size. To derive estimates of employer unit size, each of the approximately 15,000 private sector employer units is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. The size classification reflects the size of an enterprise in a particular State/Territory and not necessarily the size of an enterprise Australia wide.

Full-time employees. Permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

General government enterprises. Public sector enterprises mainly engaged in the production of goods and services, outside the normal market mechanisms, providing these goods and services to the general public. The costs of operations are often financed from public revenues. e.g. Governments Departments

Gross earnings. Payments to employees before tax and other items (such as superannuation) are deducted. They comprise ordinary time and overtime earnings; overaward payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation which are not covered by insurance, i.e. 'make-up' pay; and severance, termination and redundancy payments.

Industry. Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition* (1201.0).

Institutional sector. Institutional sector is classified according to the *Standard Institutional Sector Classification of Australia (SISCA) 1987 Edition* (1218.0).

Local government employees. Persons employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

Number of employees. All wage and salary earners who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on paid leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.

Part-time employees. Permanent, temporary and casual employees who are not classified as full-time employees as defined.

Public employees. Administrative employees and all other employees of Commonwealth, State and Local government businesses and financial undertakings engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

Public financial enterprises. Public sector enterprises actively involved in financial market transactions such as borrowing and lending. Excluded are those public bodies whose funds flow directly to or from general government revenue.

Public trading enterprises. Public sector enterprises predominately engaged in the production of goods and services with an intention of maximising profits and financial returns with most operating costs being derived from trading activities.

Reference period for the number of employees. The last pay period ending on or before the third Friday in each month.

Reference period for earnings. All pay periods for which the end of the pay period falls within the quarter.

Sector. Public sector includes local government authorities and all government departments, agencies and authorities created by, or reporting to the Commonwealth and State Parliaments. All remaining employees are classified as private sector.

State government employees. Persons employed by all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility, e.g. universities. Following self-government, the Northern Territory and the Australian Capital Territory administrations have been classified to 'State' governments.

Employed Wage and Salary Earners Dissemination Methods

The ABS has a number of additional ways you can obtain information on Employed Wage and Salary Earners series. Those currently available are:

DISCOVERY

- Contact: Ross Crossman (06) 252 6619
- available via Telecom's Videotex system, DISCOVERY key *656#
- 15 cents per data frame (30 cents for Balance of Payments and Consumer Price Index)
- instantly updated on the day of release
- selected main statistics available
- user requires: modem, microcomputer and subscription to Viatel

AUSSTATS

- Contact: Peter Davidson (06) 252 6017
- available via PAXUS COMNET (previously called CSIRONET)
- approximately \$100 per hour access
- a large number of time series is available
- instantly available on the day of release
- user requires: modem, microcomputer and registered PAXUS user

FICHE

- selected series available
- user requires: fiche reader

TAPE

- available on special order - ABS tapes are confidentialised
- user requires: mainframe computer

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- available on special order
- cost depends on data requested - may require programming time

FLOPPY DISK

- contact: Terry Turner (06) 252 6684
- selected data in standard/tailored formats available
- from \$60 per floppy disk, current publication and time series available
- user requires: IBM compatible micro + DOS 2.11

As other alternative sources become available they will be listed in the chart above. However, we may be able to provide other methods upon request.

Unpublished data

The data appearing in this publication represent only a small proportion of the total amount available. Subject to accuracy and confidentiality considerations, there is a large volume of data which can be made available to users upon request. The scope of the data availability is shown below.

Estimates of Gross Earnings further classified by:

- Gross Wages and Salaries
- Severance, Termination and Redundancy payments
- Director's Fees

Estimates of employed wage and salary earners further classified by:

- Sex
- Full-time/part-time (available for mid-month of quarter only)
- Total persons (available monthly by original and selected seasonally adjusted series)

Industry (see Table 10 on pages 14 and 15 for an indication of the detail available)

Sector (Private/Public, further classified by Commonwealth, State, Local and Public Institutional Sector)

States, Territories and Australia

Employer size (Private sector only)

For further information on any of the above, contact:

Brian McLinden
Assistant Director
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